

SHRI GURU RAM RAI UNIVERSITY



**School of Humanities
and Social Sciences**

**PO,CO,PSO
AND
PEO BOOKLET**



Shri Guru Ram Rai University

(Estd. By Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act No. 03 of 2017)

Patel Nagar, Dehradun-248001, Uttarakhand

BACHELOR OF ARTS (B.A.)

PROGRAMME OUTCOME (PO)

Students will be able to:

PO 1-	Disciplinary knowledge: Acquire knowledge of the discipline and conduct proper academia in various areas of discipline. The ability to engage with different tradition of multidisciplinary and interdisciplinary thoughts.
PO2-	Critical thinking and Problem solving: Recognize the social structures in our society which helps students and make them able to solve problems which are related to society.
PO3-	Investigation: Evaluate data on the basis of empirical evidence and critically analyse theories, practices and policies using investigation skills.
PO4-	Team learning: Create leaders with the help of multidisciplinary training and courses as well as engage in initiatives that encourage growth for all.
PO5-	Communication skills: Develop ability to communicate effectively in context with social sciences which helps in operating and develop soft skills of students.
PO6-	Professionalism: Recognize and respect different value systems by following the norms of academic integrity which will promote employability, entrepreneurship and professional integrity.
PO7-	Ethics: Develop awareness among students of social sciences issues which inculcate ethical awareness and morality of students.
PO8-	Environment and Sustainable development: Inter-relate social sciences with different disciplines which create sustainability of the environment to address local, regional, national and global needs.
PO9-	Lifelong learning: Work on career enhancement by adapting professional and vocational requirements which leads to lifelong learning.
PO10-	Projects and Management: Imbibe qualities of good citizenship, morality and ethics so as to work for the betterment of mankind.
PO11-	Engineer and Society: Cultivate a broad array of interdisciplinary knowledge and skills integrating concepts of humanities and social sciences.
PO12-	Design/Development of solutions: Able to apply critical thinking, creativity, skills, cultural sensitivity, and humanity to to create awareness within society for problem –solving and interpretation.

B.A. ENGLISH

Program Specific Outcomes (PSOs)

PSO 1	Basic knowledge of English language and literature, grammar and discipline of literary criticism.
PSO2	Critically interact with literary, academic and professional writings from different contexts.
PSO3	Inculcate skills of critical appreciation, translation, creative & technical writing and theatre performance.
PSO4	Students will be able to secure the jobs in various professional fields.

Course Outcome (CO)

Course Code	Course Name	Outcome
ENGDC- 101	Introduction to Select Poems and Select Short Stories	CO1- Define literary terms while analyzing the text. CO2- Classify different forms of text. CO3- Interpret different literary periods by studying different writers and poets from different ages. CO4- Compare styles of different writers and poets through different texts. CO5- Critique the ability of close reading. CO6- Develop the reading and writing skills.
ENGDC- 102	Tribal Literature	CO1- To list the tribal way of life including their culture, tradition as well as changes in their life. CO2- To explain the background of the development of Tribal Literature in India. CO3- To demonstrate the origin and development of Tribal Literature English. CO4- To examine tribal art and heritage.

		<p>CO5- To support the preservation and promotion of tribal literature.</p> <p>CO6- To investigate the growth of tribal culture through different texts.</p>
ENGGE- 101	Principles of Grammar	<p>CO1- To memorize different aspects of grammar.</p> <p>CO2- To describe ability to write fluently with grammatically acceptable sentences.</p> <p>CO3- To use grammar to make other skills effective.</p> <p>CO4- To examine different aspects of grammar.</p> <p>CO5- To value usage and exceptions of the rules and words.</p> <p>CO6- To investigate positive attitudes towards English through grammar.</p>
AEC-101	Communication Skills: Listening and Speaking Skills	<p>CO1- To memorize the functions of communication and related topics.</p> <p>CO2- To explain listening and speaking skills.</p> <p>CO3- To acquire necessary listening and speaking skills in order to follow and comprehend discourse.</p> <p>CO4- To organize vocabulary and improve accuracy in grammar.</p> <p>CO5- To select positive attitudes for English Communication.</p> <p>CO6- To implement communicative skills at interviews, presentations and Group discussions for successful career skills.</p>
ENGSC-101	Personality and Personal Grooming	<p>CO1- To memorize the importance and functions of Personality Development.</p> <p>CO2- To develop speaking and writing skills.</p>

		<p>CO3- To acquire necessary skills to embrace change and handle setbacks.</p> <p>CO4- To build self-confidence, overcome self-doubt and be able to assert oneself in professional settings.</p> <p>CO5- To select positive attitudes for English Communication.</p> <p>CO6- To implement verbal and nonverbal communication skills at interviews, presentations and Group discussions for successful career skills.</p>
ENGDC- 201	History of English Literature	<p>CO1- Develop an understanding of the evolution of English Literature, the concept, causes and the impact of English Literature from 1350 to 1700.</p> <p>CO2- Trace the origin and development of English drama through English Literature.</p> <p>CO3- Develop an acquaintance with major religious, political and social movements from English Literature.</p> <p>CO4- Understand the characteristics of English Literature.</p> <p>CO5- Comprehend the role of French Revolution in the evolution of different periods in literature.</p> <p>CO6- Comprehend the basic difference and special characteristics of the major literary tendencies of various ages and develop familiarity with major literary works of English Literature.</p>
ENGDC- 202	Introduction to English Poetry	<p>CO1- Compare and contrast Romantic and Victorian tendencies through the poems while critically assessing the poetry.</p>

		<p>CO2- Trace the development of English poetry through the study of different poets.</p> <p>CO3- Develop an understanding of literary concepts of different forms of poetry.</p> <p>CO4- Understand the characteristics of English Poetry.</p> <p>CO5- Trace the characteristics of writing styles and trends of different poets.</p> <p>CO6- Comprehend the basic difference and special characteristics of the major literary poets of various ages and develop familiarity with major literary poems.</p>
ENGGE- 201	Formulations of Sentences	<p>CO1- To memorize different aspects of grammar.</p> <p>CO2- To describe ability to write fluently with grammatically acceptable sentences.</p> <p>CO3- To use correct sentences to make other skills effective.</p> <p>CO4- To examine different aspects of sentences.</p> <p>CO5- To value usage and exceptions of the rules and words of sentence formulations.</p> <p>CO6- To investigate positive attitudes towards English through grammar.</p>
ENGSC-201	Role of Body Language in Good Communication	<p>CO1- Understand the fundamental principles of body language and its significance in effective communication.</p> <p>CO2- Recognize different types of body language cues and their interpretations in various cultural contexts.</p>

		<p>CO3- Apply techniques for enhancing nonverbal communication skills to convey confidence, credibility, and rapport in personal and professional interactions.</p> <p>CO4- Analyze the impact of body language on interpersonal relationships, conflict resolution, and negotiation strategies.</p> <p>CO5- Develop strategies for overcoming common body language barriers and misinterpretations in communication.</p> <p>CO6- Demonstrate proficiency in using body language effectively to improve public speaking, presentations, and leadership skills.</p>
ENGDC- 301	English Drama (William Shakespeare)	<p>CO1- Develop critical understanding of Shakespearean drama.</p> <p>CO2- Familiarize with the Elizabethan spirit and the movements prevalent during the age.</p> <p>CO3- Identification of evolution of drama.</p> <p>CO4- Determine the characteristics of tragedies and comedies written by Shakespeare.</p> <p>CO5- Enhance the critical understanding of the genre of drama.</p> <p>CO6- Understand the techniques and styles of his writing.</p>
ENGDC- 302	Introduction to Fiction	<p>CO1- Understand the cultural and political issues of the day.</p> <p>CO2- Assessment of the impact of science and technology, industrialization, revolution and its reflection on the society.</p> <p>CO3- Identification of the reasons of the</p>

		<p>emergence of prose and novels.</p> <p>C04- Determine the decline of fiction in society.</p> <p>C05- Compare the moral values of the time with the periods of texts.</p> <p>C06- Be more confident to face the challenges of the world.</p>
ENGGE-301	Learning Language Through Literature	<p>C01- To state the aesthetics of the English Language through selected literary texts and grammar.</p> <p>C02- To explain the knowledge of basic grammar to communicate effectively through literature.</p> <p>C03- To demonstrate rhyme scheme, diction and style found in the poems.</p> <p>C04- To compare the different aspects of literary terms.</p> <p>C05- To judge and apply the techniques and styles of different writers and poets with the help of grammar.</p> <p>C06- To investigate the different points of language through literature.</p>
ENGSC-301	Creative Writing: Book and Media Reviews	<p>C01- To memorize the concepts of film and book review.</p> <p>C02- To identify decision making and expressing power.</p> <p>C03- To use the different aspects of book and film review and analyze it.</p> <p>C04- To differentiate different techniques of film and book review.</p> <p>C05- To critique the techniques of plot, characters, director etc.</p> <p>C06- To develop the ability of reading and</p>

		writing.
AEC-301	Communication Skills: Reading and Writing Skills	<p>CO1- To memorize the functions of communication and related topics.</p> <p>CO2- To improve communication skills to communicate within the society.</p> <p>CO3- To implement writing and reading as skills.</p> <p>CO4- To organize vocabulary and improve accuracy in grammar.</p> <p>CO5- To select positive attitudes for English Communication.</p> <p>CO6- To design formal letters, CV, interview, resume and cover letters etc for successful career skills.</p>
ENGDC- 401	Studies in Folk Literature	<p>CO1- Develop critical understanding of Folk Literature.</p> <p>CO2- Familiarize with the National and Regional folk literature.</p> <p>CO3- Identification of values and culture of the nation or region.</p> <p>CO4- Determine the characteristics of Folk Literature.</p> <p>CO5- Enhance the critical understanding of the folk literature.</p> <p>CO6- Understand the techniques and styles of the writings of folklore.</p>
ENGDC- 402	Studies in American Literature	<p>CO1- Define the periods of American literature.</p> <p>CO2- Explain a bunch of poems and fiction written by American authors.</p> <p>CO3- Demonstrate knowledge of the development of characteristic forms or styles of expression during different</p>

		<p>periods of American history.</p> <p>CO4- Analysis the trend of American Literature from time to time.</p> <p>CO5- Evaluate literary works as expressions of individual or communal values within the social, political, cultural, or religious contexts of different literary periods of America.</p> <p>CO6- Organize knowledge about American literature and its cultural themes.</p>
ENGGE-401	Vocabulary Building and Comprehension	<p>CO1- To provide with skills/opportunities to learn words or texts independently.</p> <p>CO2- Teach students the meaning of specific words or texts.</p> <p>CO3- To develop word awareness skills as they explore and play with letter sounds to build words.</p> <p>CO4- To appraise the words and texts for improving communication.</p> <p>CO5- To improve all areas of communication.</p> <p>CO6- To complete close activities, categorize words; and producing a skit or creating a visual.</p>
ENGSC-401	Theatre & Performing Arts	<p>CO1- To repeat knowledge about theatre and its literature.</p> <p>CO2- To explain the origin of ancient theatre.</p> <p>CO3- To use and apply skills in rehearsal, production, direction and classroom settings.</p> <p>CO4- To distinguish and give constructive criticism on performance and other different aspects of theatre.</p> <p>CO5- To critique the diversity of theatre and</p>

		<p>its intersection with community, culture and society.</p> <p>CO6- To develop specialized skills in the theatre and performing art.</p>
ENGDC- 501	Literary Terms and Movements	<p>CO1- To define the difference among different literary terms and movements.</p> <p>CO2- To identify major periods in literary history.</p> <p>CO3- To interpret literary terms and their applications in literature.</p> <p>CO4- To organize the history of English Literature through Literary movements.</p> <p>CO5- To appraise the examples of authors and literary works from different literary periods.</p> <p>CO6- To investigate the difference among different literary periods.</p>
ENGDC- 502	Indian Writing in English	<p>CO1- Explore the fiction adopted by Indian writers in English.</p> <p>CO2- Explain the pluralistic aspects of Indian culture and identity.</p> <p>CO3- Summarize the texts that reflect a range of historical, cultural and aesthetic values.</p> <p>CO4- To evaluate various constructions of identity in Indian writing in English.</p> <p>CO5- Tag the relevant social and political contexts.</p> <p>CO6- Understand artistic and innovative use of language by writers.</p>
ENGGE-501	Business Communication	<p>CO1- To provide with skills/opportunities to communicate effectively.</p> <p>CO2- To distinguish among various levels of</p>

		<p>organizational communication and communication barriers while developing an understanding of Communication as a process in an organization.</p> <p>C03- To penetrate the communication skills used in business world.</p> <p>C04- To enable them to enhance their verbal and written communication using modern technology.</p> <p>C05- To write business letters and e-correspondence effectively.</p> <p>C06- To conversant with business or official communication terms and writing skills.</p>
ENGDE-501 (a)	Studies in Indian Diasporic Literature	<p>C01- To identify the sources of literature on Indian Diaspora and review them.</p> <p>C02- To explore immigration, Diaspora and transnational's studied in the context of Indian Diaspora.</p> <p>C03- To analyze the literary trends prevalent in various genres of the age.</p> <p>C04- To explore the literature of the age and appreciate the literary, social, historical and cultural significance of the literary works of the age.</p> <p>C05- To understand the historical background of international migration.</p> <p>C06- Evaluate, compare and critique various writers and texts.</p>
ENGDE-501 (b)	Introduction to English Prose	<p>C01- Enlighten the students with the evolutions of English Prose.</p> <p>C02- Gather knowledge contained in the texts.</p>

		<p>CO3- Relate the passage and grasp its meaning.</p> <p>CO4- Distinguish the themes and ideas of the texts.</p> <p>CO5- Evaluate the theme and to arrange ideas in a systematic way.</p> <p>CO6- Construct the ability to appreciate the ideas and think critically.</p>
ENGSC-501	Technical Writing	<p>CO1- To define the different stages of writing process.</p> <p>CO2- To classify basic concepts and forms of technical writing.</p> <p>CO3- To execute technical and professional writing.</p> <p>CO4- To relate how to use a specific object and how to complete a project or task.</p> <p>CO5- To select communication skills clearly and effectively to end users and audiences.</p> <p>CO6- To design any document.</p>
ENGDC- 601	Introduction to Dalit Literature	<p>CO1- List the real situation of dalits in the society.</p> <p>CO2- Describe movement toward a new kind of literary and social history</p> <p>CO3- Explore social and cultural consciousness with regard to the need for liberation and change.</p> <p>CO4- Examine histories of struggles for human dignity and caste discrimination.</p> <p>CO5- Defend a society based on equality.</p> <p>CO6- Formulate the caste question and reassesses the significance of</p>

		colonialism.
ENGDC- 602	Translation Studies	<p>CO1- To memorize the theories and importance of translation among people around the world.</p> <p>CO2- To describe different expressions of culture, society and beliefs.</p> <p>CO3- To demonstrate literature and support critical thinking.</p> <p>CO4- To examine the history, methodologies and concepts of translation.</p> <p>CO5- To critique historical, social and cultural facts of translation.</p> <p>CO6- To construct or unify new words and knowledge.</p>
ENGGE-601	Business etiquettes, Ethical and Legal Issues in Communication	<p>CO1- To define etiquette and understand how it is valuable to organizations.</p> <p>CO2- To identify techniques to minimize nervousness in social situations.</p> <p>CO3- To be familiar with the four levels of conversation and use them appropriately.</p> <p>CO4- To enable them to enhance their verbal communication.</p> <p>CO5- To know the right way to behave in a business context.</p> <p>CO6- To deal with ethical dilemmas, personal issues, and difficult people.</p>
ENGDE-601 (a)	Gender and Literature	<p>CO1- Memorize the concepts of class, race and gender as social constructs and interrelated throughout women's lives.</p> <p>CO2- Describe the plurality of female experience.</p> <p>CO3- Equip with analytical, critical and</p>

		<p>creative skills to interrogate the biases in the construction of gender and patriarchal norms.</p> <p>CO4- Analyze feminism and its phases.</p> <p>CO5- Demonstrate the relevance of gender issues to study of literature.</p> <p>CO6- Apply theoretical frameworks of feminism, gender and sex studies.</p>
ENGDE-601 (b)	Introduction to Modern Indian Writers	<p>CO1- Remembering the various phases of the evolution of Indian writing in English.</p> <p>CO2- Explain the thematic concerns, genres and trends of Indian writing in English.</p> <p>CO3- Analyze how effectively the Indian identity, both individual and collective, is represented through English language.</p> <p>CO4- Demonstrate historical, geographic, and cultural empathy by reading texts.</p> <p>CO5- Evaluate Indian Writing in English in modern perspective.</p> <p>CO6- Express the history of Modern Indian Writing through texts.</p>
ENGSC-601	Academic and Research Writing	<p>CO1- Aware of the stylistic conventions of academic and research writing.</p> <p>CO2- Summarize and analyze various texts while identifying and highlighting their main ideas and messages.</p> <p>CO3- Develop independent perspectives and arguments via incorporation of research thus developing their own voice and creating a balance between their own voice and source summaries.</p> <p>CO4- Practice the skills necessary for the</p>

		<p>accomplishment of a writing project.</p> <p>CO5- Constructively critique their own and peers' writing, with an awareness of the collaborative and social aspects of the writing process.</p> <p>CO6- Effectively deal with counter arguments in order to present a more compelling argument.</p>
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B.A. PSYCHOLOGY

Program Specific Outcome (PSO)

PSO 1	Develop a comprehensive understanding of key psychological theories, concepts, and frameworks, enabling students to analyze and interpret human behaviour and mental processes across various contexts.
PSO2	Acquire essential research skills, including statistical analysis and research methodology, allowing students to design, conduct, and evaluate empirical studies within the field of psychology.
PSO3	Promote interdisciplinary knowledge by integrating insights from diverse psychology branches, encouraging students to explore the connections between psychological theory, practice, and contemporary societal issues.
PSO4	Enhance practical skills through lab courses and experiential learning opportunities, allowing students to apply theoretical knowledge in real-world settings, fostering hands-on experience in psychological assessments and interventions.

Course Outcome (CO)

Course Code	Subject Name	Course Outcomes
PSYDC101	Introduction to Psychology	<p>CO1- Define key concepts and terminologies in psychology.</p> <p>CO2- Explain the basic psychological processes, concepts and theories.</p> <p>CO3- Demonstrate the application of theories in real world scenario.</p> <p>CO4- Analyse human behaviour using scientific methods.</p>

		<p>CO5- Evaluate the psychological concept and strength and weakness of various theories.</p> <p>CO6- Develop critical analytical abilities.</p>
PSYDL101	Lab Course Based on DC101	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYDC102	Psychology of Individual differences	<p>CO1- Recognize the key psychological concepts of individual diversity.</p> <p>CO2- Explain the psychological principles and theories.</p> <p>CO3- Apply basic concepts of psychology to self-awareness and enhancing individual's potential.</p> <p>CO4- Analyse individualistic features of human behaviour.</p> <p>CO5- Evaluate the psychological concepts and theories.</p> <p>CO6- Develop critical analytical abilities.</p>
PSYDL102	Lab Course Based on DC101	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p>

		<p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYGE101	Psychology for living	<p>CO1- Recognize the fundamentals of psychology.</p> <p>CO2- Explain and discuss the various concepts of psychology.</p> <p>CO3- Apply the concepts of psychology to past and present global, national, and local circumstances</p> <p>CO4- Analyse the different concepts of psychology promoting growth and wellbeing.</p> <p>CO5- Assess the relevance of psychology with other disciplines.</p> <p>CO6- Develop an ability to use the psychological concepts in real life situations.</p>
PSYSC101	Managing Stress	<p>CO1- Recognize the main symptoms and sources of stress.</p> <p>CO2- Explain the models & theories of Stress.</p> <p>CO3- Apply the different strategies and techniques of managing and coping with stress.</p> <p>CO4- Analyse the effect of stress on Health, relationship, work and performance.</p> <p>CO5- Evaluate the different models and theories of stress</p> <p>CO6- Formulate the strategies to deal with stress.</p>
PSYVA101	Psychology for Health and Wellbeing-I	<p>CO1- Identify the fundamentals of Health and Wellbeing.</p> <p>CO2- Explain the concepts of Health and Wellbeing.</p> <p>CO3- Apply the various strategies for enhancing health and wellbeing. .</p> <p>CO4- Analyse various health management behaviours.</p> <p>CO5- Evaluate the relationship between Health and Wellbeing</p> <p>CO6- Develop the health enhancing behaviours.</p>
PSYDC201	Social Psychology	<p>CO1- Recognize the fundamentals of social psychology.</p> <p>CO2- Explain and discuss the various concepts of social psychology.</p> <p>CO3- Apply the concepts of social psychology to past</p>

		<p>and present global, national, and local circumstances.</p> <p>CO4- Analyse major issues and concepts of social psychology.</p> <p>CO5- Evaluate the social psychological theories and researches.</p> <p>CO6- Develop an understanding of the individual in relation to the social world.</p>
PSYDL201	Lab course based on DC201	<p>CO1- Memorize the concepts of social psychology through practical.</p> <p>CO2- Explain the social psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of social psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests in social settings.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests in social settings.</p>
PSYDC202	Applied Social Psychology	<p>CO1- Recognize the fundamentals of applied social psychology.</p> <p>CO2- Explain and discuss the various concepts of applied social psychology.</p> <p>CO3- Apply the concepts of social psychology to past and present global, national, and local circumstances.</p> <p>CO4- Analyse the different concepts of applied social psychology.</p> <p>CO5- Evaluate the importance of intervention programmes in social psychology</p> <p>CO6- Develop the understanding of applications of social psychology to various domains of life.</p>
PSYDL202	Lab course based on DC 202	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with</p>

		<p>the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test in social settings.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests in social settings.</p>
PSYGE201	Inter-group Relations	<p>CO1- Identify the nature of inter-group relations.</p> <p>CO2- Explain the concepts and conflicts of inter-group relations.</p> <p>CO3- Apply the various strategies for resolving inter-group conflicts.</p> <p>CO4- Analyse the importance of healthy inter-group relations for the society.</p> <p>CO5- Evaluate the theories and concepts of inter-group relations.</p> <p>CO6- Develop the ability to promote inter-group cooperation</p>
PSYSC201	Effective leadership	<p>CO1- Identify the basic structure of leadership.</p> <p>CO2- Explain the basic skills of effective leadership.</p> <p>CO3- Apply the various strategies for making effective decisions.</p> <p>CO4- Analyse the importance of effective leadership.</p> <p>CO5- Evaluate the theories of leadership.</p> <p>CO6- Develop the ability and skills of effective leader.</p>
PSYVA201	Psychology for Health and Well-being-II	<p>CO1- Recognize the correlates of Wellbeing.</p> <p>CO2- Understand the importance of health and wellbeing and its relevance in daily life.</p> <p>CO3-Apply the various strategies for life enhancement and cultivating inner strengths.</p> <p>CO4- Analyse various fundamentals of health and wellbeing.</p> <p>CO5- Evaluate the various psychological correlates of wellbeing.</p>

		CO6- Develop human strengths and life enhancement abilities.
PSYDC301	Statistical Methods for Psychological Research	<p>CO1- Identify the basic concepts of statistical methods.</p> <p>CO2- Explain different quantitative and qualitative statistical methods.</p> <p>CO3- Apply appropriate statistical methods in psychological research.</p> <p>CO4- Analyse different techniques of statistical analysis to derive inferences and conclusions.</p> <p>CO5- Evaluate different quantitative and qualitative statistical methods used in psychological research.</p> <p>CO6- Develop critical thinking ability to use appropriate statistical methods in psychological research.</p>
PSYDL301	Lab course based on DC301	<p>CO1-Recognize the use of statistics in psychological research.</p> <p>CO2- Explain the practical use of statistical concept in psychological research.</p> <p>CO3- Apply the knowledge of statistics in psychological research.</p> <p>CO4- Analyse and interpret the statistical result.</p> <p>CO5- Evaluate the use of various statistical methods in psychological research.</p> <p>CO6- Develop the skill regarding conduction and documentation of statistical result.</p>
PSYDC302	Industrial/ Organizational Psychology	<p>CO1- Recognize the fundamentals of Industrial / organizational psychology and the evolution in the field of organisational behaviour as well as the current difficulties it faces.</p> <p>CO2- Describe the basic concepts Industrial/Organizational psychology and organisational behaviour.</p> <p>CO3- Apply the psychological concepts in work settings.</p> <p>CO4- Analyse the psychological theoretical</p>

		<p>frameworks that can be used to improve an organization's effectiveness and efficiency.</p> <p>CO5- Evaluate the work attitudes and their impact on performance and organisational results in the Indian context.</p> <p>CO6- Develop the ability & skill to perform effectively in work settings.</p>
PSYDL302	Lab course based on DC302	<p>CO1- Memorize the concepts of psychology through practical.</p> <p>CO2- Explain the use psychological concept in industry and organizational setting with help of psychological tests.</p> <p>CO3- Apply the knowledge of psychological tools and tests in organizational setting.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests in organizational setting.</p> <p>CO6- Develop the skills regarding conduction and documentation of psychological experiments and tests in organizational setting.</p>
PSYGE301	Psychology of Gender	<p>CO1- Identify the concepts and measurement of gender role.</p> <p>CO2- Explain the gender related comparisons in various domains.</p> <p>CO3- Demonstrate the knowledge to minimize the gender related comparison.</p> <p>CO4- Examine the concept related to gender differences in psychological context</p> <p>CO5- Evaluate various theoretical perspectives of gender differences.</p> <p>CO6- Develop ability of discussing gender and complicated societal topics with others.</p>
PSYSC301	Making Decisions	<p>CO1- Identify the fundamentals of Decision making.</p> <p>CO2- Explain the concepts of Decision making.</p> <p>CO3- Apply the various strategies for making effective decisions.</p>

		<p>CO4- Analyse major issues of Decision making.</p> <p>CO5- Evaluate the importance of decision making.</p> <p>CO6- Develop the ability and skill of effective decision making.</p>
PSYVA301	Stress Management-I	<p>CO1- Recognize the nature and types of stress.</p> <p>CO2- Explain the models of Stress.</p> <p>CO3- Apply the interpersonal and intrapersonal life situation intervention to manage stress.</p> <p>CO4- Analyse the various causes of stress.</p> <p>CO5- Evaluate the different models of stress</p> <p>CO6- Formulate the strategies to deal with stress.</p>
PSYDC401	Abnormal psychology	<p>CO1- Identify the concept of abnormality and recognize various psychological disorders.</p> <p>CO2- Explain the clinical features, causes, and treatment for psychological disorders.</p> <p>CO3- Apply different models of psychopathology for the treatment of psychological disorders.</p> <p>CO4- Illustrate the different treatment techniques for mental disorders</p> <p>CO5- Summarize the diagnosis and treatment of various psychological disorders.</p> <p>CO6- Develop the abilities and skills to identify, diagnose and treat the psychological disorders.</p>
PSYDL401	Lab course based on DC401	<p>CO1- Memorize the concepts of abnormal psychology through practicals.</p> <p>CO2- Explain the concepts of abnormal psychology with the help of psychological tools and tests.</p> <p>CO3- Apply the knowledge of psychological concepts to assess the abnormality of the individual behaviour.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests in the field of abnormal psychology.</p> <p>CO6- Develop the skills regarding conduction and documentation of psychological experiments and tests.</p>

PSYDC402	Psychotherapy	<p>CO1- Identify the fundamentals of psychotherapeutic intervention.</p> <p>CO2- Explain the concept of Psychoanalytic, Phenomenological, Humanistic , Behavioural and Interpersonal therapy and their techniques</p> <p>CO3- Apply the psychotherapeutic intervention strategies for treating mental health issues.</p> <p>CO4- Analyze the importance of different psychotherapeutic intervention for treating mental health disorders.</p> <p>CO5- Evaluate various psychotherapeutic intervention strategies.</p> <p>CO6- Develop the skill to use the psychotherapy for the treatment of psychological disorders.</p>
PSYDL402	Lab course based on DC402	<p>CO1- Recognize the concepts of psychology through practical.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts with the help of experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYGE401	Youth Psychology	<p>CO1- Identify the concerns of youth in Indian context.</p> <p>CO2- Explain the concepts of youth development and Relationships</p> <p>CO3- Apply the understanding to resolve the issues of youth.</p> <p>CO4- Analyse the Influence of globalization on youth development</p> <p>CO5- Evaluate the importance of positive youth development</p> <p>CO6- Develop an to understand the youth psychology.</p>

PSYSC401	Developing emotional competence	<p>CO1- Identify their emotions as well as interpret others emotion.</p> <p>CO2- Explain the concepts of emotional intelligence.</p> <p>CO3- Apply the strategies to improve emotional competencies.</p> <p>CO4- Analyse and successfully manage their emotions.</p> <p>CO5- Evaluate the importance of emotional intelligence.</p> <p>CO6- Develop the ways to improve the emotional competencies.</p>
PSYVA401	Stress Management-II	<p>CO1- Recognize the various stress management strategies.</p> <p>CO2- Explain the different coping mechanism in dealing with stress</p> <p>CO3- Apply the coping mechanism and management strategies in dealing with various stressors of daily life.</p> <p>CO4- Analyse the importance of various stress management techniques.</p> <p>CO5- Evaluate the strategies for decreasing stressful behaviours.</p> <p>CO6- Develop the strategies to deal with stress.</p>
PSYDC501	Counselling Psychology	<p>CO1- Identify the basics of counselling psychology.</p> <p>CO2- Explain the counselling concepts, ethical considerations and the methods and approaches of counselling.</p> <p>CO3- Apply the counselling skills in reference to family, career, School and educational settings.</p> <p>CO4- Examine the counselling profession, particularly in the context of India.</p> <p>CO5- Evaluate the approaches and various techniques used in counselling.</p> <p>CO6- Develop the qualities and attributes required to be an effective counsellor.</p>
PSYDL501	Lab course based on DC501	<p>CO1- Memorize the concepts of counselling psychology through practicals.</p> <p>CO2- Explain the concepts of counselling psychology</p>

		<p>with the help of practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests to facilitate counselling process.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYDC502	Advanced Counselling Skills	<p>CO1- Recognize the fundamentals of counselling skills.</p> <p>CO2- Explain the basic counseling skills, communication skills and exploration & action skills of counselling.</p> <p>CO3- Apply the counselling skills and managing skills for managing resistance and other obstacles in counselling.</p> <p>CO4- Analyze the counselling skills to facilitate the effectiveness of counselling process.</p> <p>CO5- Evaluate the importance of counselling skills.</p> <p>CO6- Develop the essential skills required to be an effective counsellor.</p>
PSYDL502	Lab course based on DC502	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYDE 501a	Positive Psychology	<p>CO1- Identify the terms of positive psychology.</p>

		<p>CO2- Explain the concepts, principles and theories of positive psychology</p> <p>CO3- Apply the understanding of positive psychology to promote wellbeing.</p> <p>CO4- Analyse the knowledge of positive psychology in real life situations.</p> <p>CO5- Evaluate the conceptual knowledge and perspectives on positive psychology.</p> <p>CO6- Develop the understanding about positive self and relationships</p>
<p>PSYDE 501b (Choose any one from a & b)</p>	<p>Health Psychology</p>	<p>CO1- Define key concepts in health psychology.</p> <p>CO2- Explain the differences between the bio-medical and bio-psycho-social models and their relevance to health psychology.</p> <p>CO3- Apply different stress perspectives to real-life scenarios to identify potential stressors.</p> <p>CO4- Analyze individual coping strategies and styles to determine their effectiveness in managing stress.</p> <p>CO5- Evaluate and assess the effectiveness of various psychological techniques used in managing pain and their integration into pain management programs.</p> <p>CO6- Develop a comprehensive health behavior intervention plan.</p>
<p>PSYGE501</p>	<p>Psychology and Media</p>	<p>CO1- Recognize the influence of media on human psyche.</p> <p>CO2- Explain the interface between media & psychology.</p> <p>CO3- Apply the understanding to know the effects of media.</p> <p>CO4- Analyze the critical issues in Media Influence.</p> <p>CO5- Evaluate the role of media in social change.</p> <p>CO6- Develop the understanding of use & abuse of Media.</p>
<p>PSYSC501</p>	<p>Self and Personal Growth</p>	<p>CO1- Recognize the process of self discovery.</p> <p>CO2- Explain the concepts of self and personal</p>

		<p>Growth.</p> <p>CO3- Apply the understanding of self for personal growth.</p> <p>CO4- Analyze the effectiveness of emotional, cognitive and interpersonal competencies for personal growth.</p> <p>CO5- Evaluate the concepts of self and personal Growth.</p> <p>CO6- Develop the understanding of self.</p>
PSYDC601	Life Span Development	<p>CO1- Identify the fundamental concepts about human development and the perspectives necessary to comprehend and articulate such developments.</p> <p>CO2- Explain the human development from conception to late adulthood and examine the issues in the development.</p> <p>CO3- Apply the understanding of human development to deal with developmental issues in real life situation,</p> <p>CO4- Analyze the different developmental areas contributing towards shaping human development.</p> <p>CO5- Evaluate the important theoretical perspectives and methodological techniques in human development.</p> <p>CO6- Develop an ability to identify the milestones (physical and cognitive) in many aspects of human development across life stages.</p>
PSYDL601	Lab course based on DC601	<p>CO1- Memorize the concepts of psychology through practical.</p> <p>CO2- Explain the psychological concept of growth and development with the help of practicals.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests to assess human growth and</p>

		<p>development.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYDC602	Psychological testing and assessment	<p>CO1- Recognize the fundamentals of psychological testing.</p> <p>CO2- Explain the concepts, ethical issues and steps of test construction.</p> <p>CO3- Apply the psychological tests in different settings.</p> <p>CO4- Analyse the efficiency of various psychological tests in real life situations.</p> <p>CO5- Evaluate the conceptual knowledge of psychometrics and test construction.</p> <p>CO6- Develop the skill and ability to use the knowledge of test construction to construct the psychological test .</p>
PSYDL602	Lab course based on DC602	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
PSYDE 601a	Introduction to Indian Psychology	<p>CO1- Recognize the roots & concepts of Indian psychology development.</p> <p>CO2- Explain the fundamentals of Indian psychology, Indian thought & tradition and psychological perspectives of Indian psychology.</p> <p>CO3- Apply the concept of Indian psychology in the management of mental health, social conflicts</p>

		<p>and increasing value based education.</p> <p>CO4- Analyze the importance of the understanding of Indian psychology in present scenario.</p> <p>CO5- Evaluate the concepts of Indian thought and tradition & major psychological perspectives of Indian Psychology.</p> <p>CO6- Develop the knowledge about Indian Psychology.</p>
PSYDE 601b (Choose any one from a & b)	Introduction to Environmental Psychology	<p>CO1- Illustrate the way environment and behaviour are constantly interacting with one another.</p> <p>CO2- Explain the concept of environment and behaviour and methods to assess the environment.</p> <p>CO3- Apply the understanding of environmental psychology to deal with the environmental deprivation.</p> <p>CO4- Analyze the importance of ecology and sustainable development.</p> <p>CO5- Evaluate the effects of ecological deterioration.</p> <p>CO6- Develop the environmental ethics and awareness.</p>
PSYGE601	Psychology at work	<p>CO1- Recognize the fundamentals of Industrial/organizational psychology.</p> <p>CO2- Describe the basic concepts and theoretical framework of Industrial/ Organizational Psychology.</p> <p>CO3- Apply the psychological concepts in work settings.</p> <p>CO4- Analyse the psychological theoretical frameworks that can be used to improve an organization's effectiveness and efficiency;</p> <p>CO5- Evaluate the work attitudes and their impact on performance.</p> <p>CO6- Develop the skill & leadership ability required to perform effectively in work settings.</p>
PSYSC601	Psychology in Education	<p>CO1- Recognize the fundamentals of educational psychology.</p>

		<p>CO2- Explain the principles of psychology that can be applied to the area of education.</p> <p>CO3- Apply the concepts of psychology in the field of education and determine the effective teaching and classroom management strategies.</p> <p>CO4- Examine major issues and concepts of educational psychology.</p> <p>CO5- Evaluate the educational psychology concept and theoretical perspective.</p> <p>CO6- Develop the ability to use the psychological concepts in educational setting.</p>
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B.A ECONOMICS

Program Specific Outcome (PSOs)

PSO1	Acquire academic skills with an Aptitude for Higher studies/research/entrepreneurship in any branch of the programme.
PSO2	An ability to understand the various concept of Economics that prepare for future careers in Economics like Agriculture Economics Managerial Economics Money banking and public finance.
PSO3	Develop Professional Skills in students of Economics through different branches of Economics.
PSO4	Acquire a comprehensive understanding of all branches of economics.

Course Outcome (CO)

Course Code	Course Name	Course Outcome
ECODC-101	Principles of Micro Economics-I	<p>CO1- Identify the basic concepts of micro Economics law of demand, law of Supply, consumer, cost and production theory.</p> <p>CO2- Describe the law of demand, law of supply and consumer theory.</p> <p>CO3- Explain about the production and perfect competition market.</p> <p>CO4- Analyze the cost theory revenue, profit</p>

		<p>maximizations, industry supply curve, economies and diseconomies of scale.</p> <p>CO5- Evaluate the opportunity cost production possibility and allocative efficiency under perfect competition.</p> <p>CO6- Write about the Economic systems, choice of technology, isoquant and isocost lines.</p>
ECODC-102	Introductory Economics-I	<p>CO1- Identify the basic concept of Micro, macroeconomics, central problem of the economy, law of demand, supply, Elasticity of demand, law of variable proportion, theory of production pricing and factor pricing.</p> <p>CO2- Describe the law of Demand law of supply, indifference curve, elasticity of demand and return to scale.</p> <p>CO3- Explain consumer surplus, theory of production and producer equilibrium.</p> <p>CO4- Analyze the theory of product pricing and theory of factor pricing.</p> <p>CO5- Evaluate the equilibrium of the firm, price, output determination under Perfect competition and monopoly.</p> <p>CO6- Write about the Schumpeter, knight's theory of profit and marginal Productivity theory.</p>
ECOGE-101	Managerial Economics-I	<p>CO1- Identify the basic concepts of Managerial Economics demand function, elasticity of demand, consumer behavior indifference curve and income consumption curve.</p> <p>CO2- Describe the managerial economics application, law of demand and elasticity of demand.</p> <p>CO3- Explain consumer behavior indifference</p>

		<p>curve analysis of demand.</p> <p>CO4- Analyze price effect and price consumption curve.</p> <p>CO5- Evaluate income effect and income consumption curve.</p> <p>CO6- Write about the relation of managerial economics to other disciplines, opportunity cost of firm and its objective.</p>
ECOSC 101	Basics of labour Economics	<p>CO1- Identify the labour economics nature, scope, importance, marginal Productivity theory employment development relationship and trade union.</p> <p>CO2- Understand the labour market meaning features organized, unorganized labour in Indian economy technological change, modernization and wage Determination theory.</p> <p>CO3- Explain all concept of labour economics wage determination theory trade Unions employment and development relationship.</p> <p>CO4- Analyze the Wage policy in India poverty and unemployment in developing countries and wage determination.</p> <p>CO5- Evaluate the theory of collective Bargaining concept of minimum wage fair.</p> <p>CO6- Write about the achievement of trade union, obstacles, weakness, analysis of education unemployment.</p>
ECODC201	Principles of Micro Economics-II	<p>CO1- Identify the micro economics issues, market structure, consumer, producer theory, market and market failure, distribution of income and international trade.</p> <p>CO2- Describe the different competition</p>

		<p>(imperfect competition, monopoly, monopolistic , oligopoly and game theory)</p> <p>CO3- Explain input markets, labour markets, land markets and profit maximization Condition in input market.</p> <p>CO4- Analysis the International trade theories, terms of trade, trade barriers and free trade protection.</p> <p>CO5- Evaluate the market failure and distribution of income.</p> <p>CO6- Write about the Externalities, marginal cost pricing internalizing externalities, Public goods, imperfect information and government inefficiency.</p>
ECODC202	Introductory Economics-II	<p>CO1- Remember the concept of macroeconomics, money, inflation banking concept and public finance.</p> <p>CO2- Understand the output, expenditure, flows of income, national income importance of money in capitalist, socialist and mixed economy.</p> <p>CO3- Explain banking functions and credit creation of central bank commercial bank and define about the public revenue.</p> <p>CO4- Analyze the importance, limitation of macroeconomics and also explain the causes and measures of inflation and public finance.</p> <p>CO5- Evaluate the monetary and fiscal policy.</p> <p>CO6- Write about the money its importance, role of RBI and public Finance.</p>
ECOGE201	Managerial Economics-II	<p>CO1- Identify all concept of managerial economics, theory of production, cost,</p>

		<p>market structure and price discrimination.</p> <p>CO2- Understand the theory of production function economics of scale price and output under monopoly market.</p> <p>CO3- Explain basic concept of costs, perfect competition price discrimination and output determination.</p> <p>CO4- Analyze the market and market structure.</p> <p>CO5- Evaluate the price under monopolistic competition.</p> <p>CO6- Write about the price and output determination under oligopoly.</p>
ECOSC201	Introduction to Industrial Economics	<p>CO1- Identify the Industrial economics concept, determination of industrial location, Industrial finance and industrial development policy in India.</p> <p>CO2- Understand the industrial structure, factor influencing location of industries, Government policies, and approach of development for backward region.</p> <p>CO3- Explain the Industrial Finance, Financial Institutions role functions and industrial Development and policy in India.</p> <p>CO4- Analyze the private, public sector industries and industrial policies.</p> <p>CO5- Evaluate the New industrial policy role of MNC and Industrial institutions.</p> <p>CO6- Write about the infrastructural, other factors and industrial policy 1991.</p>
ECODC-301	Principles of Macro Economics-I	<p>CO1- Explain the concept of macroeconomics, Classical theory, Keynesian theory of</p>

		<p>income employment , Concepts of GDP, National Income and Concept of money</p> <p>CO2- Describe the Circular flow of income expenditure, Aggregate demand, aggregate supply, Theory of effective demand and Determination of GDP.</p> <p>CO3- Determine the Wage flexibility and Full Employment, measurement of national income, related aggregates Concept of multiplier, and Basic concept of consumption function in Macroeconomics.</p> <p>CO4- Illustrate the concept of macroeconomics, theory of money, supply, credit creation and monetary policy.</p> <p>CO5- Express Determination of GDP, Macroeconomic indicators, Circular flow of income and expenditure.</p> <p>CO6- Write the concepts of MPS,APS,MPC,APC and Multiplier.</p>
ECODC302	Introduction of Demography	<p>CO1- Remember the meaning, scope of population, fertility, mortality main source of population, migration internal and international migration urbanization, Source of demographic data in India.</p> <p>CO2- Understand the demographic theories of population fertility mortality and special variation in sex ratio, methods of population, projection HDI and GDI effect C of population growth.</p> <p>CO3- Explain fertility, mortality statistics curd birth rate (CBR) ,migration causes, effect and quality control of population human development index, gender development index and effect of population growth in</p>

		<p>India.</p> <p>CO4- Analyze demographic theories, fertility, mortality, migration, population growth and economic development.</p> <p>CO5- Evaluate the Importance of demography fertility, mortality, migration and different sources of demography.</p> <p>CO6- Write about the fertility rate child health sex ratio methods of population projection problems features and family planning program in India.</p>
ECOGE 301	Regional Economics	<p>CO1- Remember Regional Economics, Concept, definition, scope, importance and Economic development and regional disparities, Human resource in Uttarakhand Economy.</p> <p>CO2- Describe the Theories of regional development, planning, regional disparities, Agriculture, Industrial pattern and Tourism in Uttarakhand economy.</p> <p>CO3- Explain the Demographic profile, Health , infrastructural facilities Poverty And Geographical features of Uttarakhand Economy.</p> <p>CO4- Classify the regional economic issues and methods of analysis.</p> <p>CO5- Evaluate the Economic development and regional disparities in the Economy.</p> <p>CO6- List the human resource Panchayati Raj and people participation in Uttarakhand.</p>
ECOSC 301	Institutional Aspects of LaborEconomics	<p>CO1- Define the labour migration, industrial disputes, Labour Welfare and Special problems of labour.</p>

		<p>CO2- Understand the theoretical as well as empirical issues relating to the labour market with special reference to India.</p> <p>CO3- Explain Industrial Disputes and related problems.</p> <p>CO4- Analyze the labour market, Labour welfare activities and Social Security in India.</p> <p>CO5- Distinguish the various issues related to child and women labour.</p> <p>CO6- Express the Labour Market Reforms.</p>
ECODC-401	Principles of Macro Economics-II	<p>CO1- Identify IS-LM analysis, consumption function, inflation, unemployment and Balance of Payments.</p> <p>CO2- Explain the various Theories of Consumption and Concept of inflation.</p> <p>CO3- Determine the Relationship between inflation, unemployment and Balance of payments.</p> <p>CO4- Analyze the Derivations of the IS, LM functions, aggregate demand and shifts in the AD curve.</p> <p>CO5- Conclude the knowledge of the Consumption functions, Concept and Psychological law of consumption.</p> <p>CO6- Write the foreign exchange and its determination</p>
ECODC-402	Trends of Demography	<p>CO1- Define the population growth trend, Sources of Demographic, National and international aspects of Population.</p> <p>CO2- Explain occupational and regional distribution factors effecting population components and the different sources of</p>

		<p>Demographic Data in India.</p> <p>CO3- Explain family planning programmes and New population Policy.</p> <p>CO4- Analyze the Unequal Distribution of population, Population Trends in the twentieth century, and Determinants of age and sex structure.</p> <p>CO5- Conclude the Demographic effects of sex and age structure.</p> <p>CO6- Write the Factors affecting Mortality, Fertility and Migration in India</p>
ECOGE401	International Economics	<p>CO1- Recall the international trade theories, Effects of economic growth on international trade and Free Trade versus Protection.</p> <p>CO2- Explain modern theories of international trade, Opportunity cost theory, Law of Reciprocal demand, and Offer curve analysis.</p> <p>CO3- Explain Modern theories of international trade.</p> <p>CO4- Describe the Tariffs, Quotas and Non-Tariffs Barriers.</p> <p>CO5- Conclude Measurement of Gains from Trade and their Distribution, Terms of Trade, Concepts, their uses and limitations.</p> <p>CO6- Express the Output and Employment.</p>
ECOSC401	Uses of Computer in Economics	<p>CO1- Define the usage of computers and how computers are essential components in learning whether business or society.</p> <p>CO2- Interpret the PPT presentation, internet surfing and organize data management.</p>

		<p>CO3- Select the use of words to produce professional documents.</p> <p>CO4- Format business correspondence with the help of computer applications.</p> <p>CO5- Evaluating the data handling efficiently</p> <p>CO6- Create and format spreadsheet to carryout inferential statistical analysis using data analysis tool to graphically displaying the result.</p>
ECODC- 501	Economic Development and Policy in India–I	<p>CO1- Describe the Issues in Growth, Factors in Development, Population and Economic Development, Employment and Indian Development Experience.</p> <p>CO2- Explain Development, Sustainability , Capital formation (Physical and Human); technology, institutions, Demographic trends and urbanization</p> <p>CO3- Determine the Occupational structure in the organized and the unorganized sectors unemployment(rural and urban)employment schemes.</p> <p>CO4- Analyze Critical evaluation of growth, inequality, and poverty</p> <p>CO5- Summarize the monetary and fiscal policies.</p> <p>CO6- Write about the pre and post reforms era; s avings, investment, mobilization of internal and external finance and centre-state financial relations.</p>
ECODC-502	Public Finance	<p>CO1- Describe the Introduction of Public Finance, Public Budget, Public Expenditure, Public Taxation and Public Debt.</p>

		<p>CO2- Understand different types of Goods, Market Failure, Externalities, Classification of budgets and Public Expenditure</p> <p>CO3- Explain Taxation and Public Debt.</p> <p>CO4- Compare Canons of Public Expenditure, Causes, and Approaches of taxation, classification of Taxes, incidence and shifting of Taxation.</p> <p>CO5- Evaluate the Public expenditure causes and effect of Public Expenditure.</p> <p>CO6- Enumerate Different concept of debt advantages and disadvantages.</p>
ECOG501	Basics of Agricultural Economics	<p>CO1- Describe the Agricultural Economics, Agriculture Growth under the Plans , Green Revolution and Food Security in India.</p> <p>CO2- Interpret the trends of agriculture growth, Problems of transforming traditional agricultural, Organic farming, status &Future scope.</p> <p>CO3- Explain the Green Revolution , Agriculture Development, Technological Progress Indigenous and Bio-Technological Practices for Sustainable Agriculture.</p> <p>CO4- Classify the Problems and solutions of Public Distribution system in India.</p> <p>CO5- Express the food Security in India.</p> <p>CO6- Write the various land reforms, measures and their progress.</p>
ECODE501	Development Planning	<p>CO1- Explain the Economic Planning, Types of planning, Market mechanism and Project planning</p>

		<p>CO2- Describe the Difference between planned and market economies, explain the Development planning models and Project evaluation</p> <p>CO3- Illustrate the Models in Indian Plan and Economic Development of Uttarakhand</p> <p>CO4- Classify the Role and nature of prices in planned economies, Cost-benefit analysis.</p> <p>CO5- Evaluate the problems in project planning and Direct controls, Indirect controls, redefining the role of the state.</p> <p>CO6- Write about the Social, Economic Development, Human Development, Role and nature of prices in planned economies</p>
ECODE 501	History of Economic Thought	<p>CO1- Describe the origin and development of economic ideas and their inter-relations.</p> <p>CO2- Understand the classical, neo-classical and modern economic thoughts.</p> <p>CO3- Explain the contributions of the Classical writers, such as Adam Smith, David Ricardo, Thomas Robert Malthus and John Stuart Mill.</p> <p>CO4- Compare the various economic thoughts.</p> <p>CO5- Ability to take a critical account of the reactions against Classical Economics.</p> <p>CO6- Write the reasons for the changes in the thoughts of economics</p>
ECOSC 501	Understanding Economic Survey and Union Budget	<p>CO1- Remember the Fiscal policy revenue, Capital receipts, budget and analysis of expenditure.</p> <p>CO2- Explain revenue receipt and different tax</p>

		<p>structure.</p> <p>CO3- Demonstrate the process of different types of budgeting.</p> <p>CO4- Analyze the fiscal and revenue Deficits</p> <p>CO5- Evaluate the Gender budgeting; Fiscal devolution and center- state financial relations</p> <p>CO6- Write the sources of revenue and expected growth in revenue. impact of fiscal deficits on the economy</p>
ECODC-601	Economic Development and Policy in India-II	<p>CO1- Define the concept of Agriculture: Policies, Performance, and Industry: Policies and Foreign Trade.</p> <p>CO2- Describe the Production, productivity labour; markets, pricing; land reforms and regional variations.</p> <p>CO3- Explain the Industry Polices small scale industries, public sector and foreign investment.</p> <p>CO4- Compare India and WTO</p> <p>CO5- Distinguish Balance of trade and balance of payment</p> <p>CO6- Write the Foreign Trade Trends and Policies</p>
ECODC 602	International Finance and Policy	<p>CO1- Familiar with the concepts of balance of trade, balance of payments, f Foreign Exchange Market, International Economic Organizations and EXIM policy</p> <p>CO2- Describe Policies for Internal and External Balance-Fiscal and Monetary Policy under Fixed and Floating Exchange Rates.</p> <p>CO3- Explain the theory of balance of Payment and International Economic Organizations.</p>

		<p>CO4- Determine the rate of exchange, problems of the rate of exchange</p> <p>CO5- Evaluate the WTO provisions: TRIPS, TRIMS, GATS and their impact on the different sectors of Indian Economy.</p> <p>CO6- Write the role of MNCs in India Spot, Forward and Exchanges, Futures,</p>
ECODC602	International Finance and Policy	<p>CO1- Familiar with the concepts of balance of trade, balance of payments, Foreign Exchange Market, Economic Organizations and EXIM policy.</p> <p>CO2- Describe Foreign Exchange Market.</p> <p>CO3- Explain the International Economic Organizations.</p> <p>CO4- Determine the rate of exchange, problems of the rate of exchange</p> <p>CO5- Evaluate the WTO provisions: TRIPS, TRIMS, GATS and their impact on the different sectors of Indian Economy</p> <p>CO6- Write the role of MNCs in India, Spot, Forward and Exchanges, Futures.</p>
ECOGE-601	Fundamental of Agricultural Economics	<p>CO1- Define the Agriculture Finance, Cooperative Movement, Agricultural Marketing, Role of National & International Agencies in Indian.</p> <p>CO2- Describe Problems and prospects of Cooperative Institutions for agriculture credit and Agricultural Price Policy.</p> <p>CO3- Explain the policies for pricing, marketing of agricultural products, Market Structure, Problems, Taxation and Crop insurance.</p> <p>CO4- Analyze the Agro-Subsidies, Industrial Trade in Agricultural</p>

		<p>CO5- Evaluate the Role of NABARD, Agricultural Prices Commission and CACP.</p> <p>CO6- Write the Role of WTO and MNCs in Agriculture challenges facing agriculture in international trade negotiations.</p>
ECODE601	Data Analysis	<p>CO1- Define the Introduction to Statistics, Sampling Techniques, Measures of Central Tendency, Correlation and Regression and Time Series and Index Numbers</p> <p>CO2- Interpret sampling techniques and measurement of central tendency.</p> <p>CO3- Explain the Correlation and the Regression</p> <p>CO4- Analyse the Sampling Techniques</p> <p>CO5- Evaluate the Concept and measurement of Time Series.</p> <p>CO6- Write Index Numbers methods and problems.</p>
ECODE601	Consumer Economics	<p>CO1- Define consumption , Income and expenditure of consumer</p> <p>CO2- Explain importance, Symptoms Consumption, Standard of living and describe the factors affecting</p> <p>CO3- Enlist and explain the different types of budget and steps for making the budget.</p> <p>CO4- Analyze the knowledge related to consumer buying habits, advertisements.</p> <p>CO5- Evaluate the knowledge related to consumer economics</p> <p>CO6- Write about main taxes in India. Elaborate on consumer credit.</p>

ECOSC601	Entrepreneurship and Small Business Development	<p>CO1- List the small enterprise, Small Enterprises and Enterprise Launching Formalities Role support and management of small business.</p> <p>CO2- Identify the Small Enterprises and Enterprise Launching Formalities Scope of SSI, Registration, NOC from Pollution Board, Machinery and Equipment Selection</p> <p>CO3- Explain the Role of Support Institutions and Management of Small Business the small enterprises.</p> <p>CO4- Differentiate the machine and equipment selection</p> <p>CO5- Evaluating the Role support and management of small business.</p> <p>CO6- Planning the project and scheduling using networking techniques.</p>
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B.A. HOME SCIENCE

Programme Specific Outcome (PSO)

PSO 1	Acquire academic skills with an aptitude for higher studies /research/entrepreneurship in any branch of the programme.
PSO2	Develop professional skills in food, nutrition, textiles, housing, product making, communication technologies and human development.
PSO3	Understand and appreciate the role of interdisciplinary sciences in the development and well- being of individuals, families and communities.
PSO4	Plan and prepare diet for different economic levels, different age groups, and for chronically ill patients. Make house plans for various income levels using home planning symbols, and use the principles and elements of art in interiordecoration.

Course Outcomes

Course Code	Course Name	Outcome
HOMDC-101	Principles of nutrition	CO1- Define food, nutrition and nutrients and also Classify

		<p>food according to food groups. Learn about essential constituents of food, and meal planning.</p> <p>CO2- Identify and discuss the factors affecting total energy requirements of the body. Explain the essential constituents of food, and meal planning.</p> <p>CO3- Enlist and explain the essential constituents of food and the functions of food.</p> <p>CO4- Analyze the role of meal planning, and essential constituents of food .Discuss andwrite about Importance of basic food groups in the diet.</p> <p>CO5- Evaluate the knowledge of basic food groups, essential constituents of food and meal planning.</p> <p>CO6- Plan diet for different economic levels and different age groups by keeping in mind the essential constituents of food.</p>
<p>HOMDL:101 (LAB)</p>	<p>Principles of nutrition-Lab</p>	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify some nutritious recipes.</p> <p>CO3- Plan diet for different economic levels.</p> <p>CO4- Plan diet for different age groups.</p> <p>CO5- Prepare diet for different</p>

		<p>economic levels.</p> <p>CO6- Prepare diet for different age groups.</p>
HOMDC-102	Housing	<p>CO1- Define house. Acquaint themselves with functions of a house and discuss about factors affecting selection of house sites.</p> <p>CO2- Identify and explain about different types of kitchens, house plans, own house and rented house.</p> <p>CO3- Enlist and explain the factors influencing the selection of House, functions of house, principles of house planning and different types of kitchens.</p> <p>CO4- Understand and analyze the principles of house planning , Write about functions of a house, factors affecting selection of house sites, different types of kitchens, house plans, own house and rented house.</p> <p>CO5- Evaluate the knowledge related to housing, principles of house planning, advantages/disadvantages of own house/rented house.</p> <p>CO6- Learn to make different types of house plans and write about functions of a house, factors affecting selection of house sites, different types of kitchens, house plans and rented</p>

		house.
HOMDL -102(Lab)	Housing-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Make home planning symbols.</p> <p>CO3- Use home planning symbols in making house plans.</p> <p>CO4- Make house plans for various income levels.</p> <p>CO5- Identify various building materials.</p> <p>CO6- Make landscape plan.</p>
HOMGE – 101	Family Resource Management	<p>CO1- Memorize the concept of Home Management, values, goals, standard, time management, money management.</p> <p>CO2- Understand and explain goals, standard, time management and money management.</p> <p>CO3- Understand and apply the knowledge of work simplification to complete their tasks easily and discuss about home management, values, goals, standard, time management and money management.</p> <p>CO4- Analyze and discuss about the financial management practices. Write about work simplification, home</p>

		<p>management, values, goals, standard, time management and money management.</p> <p>CO5- Evaluate and apply the knowledge related to home management, time management and energy management to complete their tasks easily. Describe the concept of values, goals, standard, and work simplification.</p> <p>CO6- Develop the awareness about using the resources effectively. Write about work simplification, home management, values, goals, standard, time management and money management.</p>
HOMSC-101	Fundamentals of Nutrition and Cooking Skills with Healthy Recipe Development	<p>CO1- Memorize the concepts related to food sanitation and hygiene, preservation, food adulteration and consumer protection. Method of cooking and preventing nutrient losses. Processing of cereals, pulses, fruits and vegetables and planning nutrient rich dishes.</p> <p>CO2- Understand the concept of Food sanitation and hygiene, adulteration, nutrient rich dishes and methods of cooking. Define food processing of cereals, pulses, fruits and</p>

		<p>vegetables.</p> <p>CO3- Discuss about Food preservation and processing, Food Adulteration and Consumer Protection , methods of cooking, Food sanitation and hygiene, nutrient rich dishes.</p> <p>CO4- Apply the knowledge related to food sanitation and hygiene, nutrient rich dishes to prevent the loss of nutrients while cooking. Use the knowledge to preserve food and processing of food. Find out adulterants in food items. Use the knowledge related to consumer protection in day to day life.</p> <p>CO5- Evaluate the knowledge related to nutrition and processing of food, nutrient rich dishes, and different methods of cooking and prevention of nutrient losses. Write about food sanitation and hygiene, preservation, adulteration and consumer protection.</p> <p>CO6- Plan nutrient rich dishes using different methods of cooking. Discuss about food sanitation and hygiene, preservation, adulteration and consumer protection.</p>
HOMDC -201	Introduction to Textiles	<p>CO1- Classify textile fibres, yarns and weaves. Discuss about</p>

		<p>textile fibres, yarns and weaves.</p> <p>CO2- Identify common textiles fibres, yarns, weaves and discuss about them.</p> <p>CO3- Learn and explain about manufacturing, properties, and uses of textile fibres. Discuss about different ways of fabric construction.</p> <p>CO4- Classify textile fibres and discuss about them. Elaborate about different types of yarns and different ways of fabric construction.</p> <p>CO5- Evaluate the knowledge related to textiles.</p> <p>CO6- Write about textile Fibers, different processes of yarn making and different ways of fabric construction.</p>
HOMDL -201 (Lab)	Introduction to Textiles –Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify common textiles fibres through microscopic test.</p> <p>CO3- Identify common textiles fibres by using burning test.</p> <p>CO4- Identify common textiles fibres by using physical tests</p> <p>CO5- Create samples of knitting.</p> <p>CO6- Construct samples of basic weaves.</p>
HOMDC -202	Food Safety and Preservation	<p>CO1- Define food sanitation and hygiene and explain it. Write about home scale methods of food preservation</p>

		<p>and fortification of foods with vitamins and minerals. Memorize the knowledge related to food borne diseases, 'Food Adulteration and Consumer Protection.'</p> <p>CO2- Describe food borne diseases, food sanitation and hygiene, 'novel and processed supplementary foods, enzymes in food processing', home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO3- Get aware about 'Food Adulteration and Consumer Protection' 'food laws and standards,' causes of food spoilage, home scale methods of food preservation and fortification of foods with vitamins and minerals and explain it.</p> <p>CO4- Analyze the knowledge related to 'novel and processed supplementary foods, enzymes in food processing,' home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO5- Evaluate the knowledge related to home scale methods of food preservation and</p>
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		<p>fortification of foods with vitamins and minerals, food-borne diseases, 'Food Adulteration and Consumer Protection.</p> <p>CO6- Write about food laws and standards, food sanitation and hygiene, food preservation and fortification of foods with vitamins and minerals. Elaborate on causes of food spoilage.</p>
HOMDL-202 (Lab)	Food Safety and Preservation-Lab	<p>CO1- Recall physical tests and chemical tests for detection of food adulterants. Recall the methods of making jam/pickle/chutney/sauce etc.</p> <p>CO2- Identify adulterants in food using simple physical tests and chemical tests.</p> <p>CO3- Prepare jam/pickle etc. at home.</p> <p>CO4- Evaluate food labels of processed foods available in the market.</p> <p>CO5- Prepare chutney/sauce etc. at home.</p> <p>CO6- Write a report on the visit to the food industry/factory. Write about adulterants used in food, methods of making jam/pickle/chutney/sauce etc.</p>
HOMGE-201	Development in Adolescence	<p>CO1- Define Puberty and adolescence and get acquainted with developmental tasks of</p>

		<p>adolescence. Memorize the concept of Physical changes, social and emotional development, problems of adolescence.</p> <p>CO2- Comment on characteristics of adolescence and explain the physical changes during puberty and adolescence. Describe the concept of developmental tasks of adolescence. Memorize and write about the concept of Physical changes, social and emotional development, problems of adolescence.</p> <p>CO3- Explain the important aspects of development during adolescent period.</p> <p>CO4- Discuss and analyze the role of parents, teachers, peers and society on social and emotional development of adolescence. Write about concept of Physical changes, social and emotional development, problems of adolescence and developmental tasks of adolescence.</p> <p>CO5- Evaluate the problems of adolescents and factors affecting social and emotional development. Explain the concept of Physical changes, social</p>
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		<p>and emotional development, problems of adolescence and developmental tasks of adolescence.</p> <p>CO6- Write about friendship pattern and social grouping during adolescence. Discuss about concept of Physical changes, social and emotional development, problems of adolescence and developmental tasks of adolescence.</p>
HOMSC-201	Dyeing and Printing in Textiles	<p>CO1- Define dyes and discuss about different types of dyes. Memorize the concept of dyeing methods, printing, and printing paste.</p> <p>CO2- Discuss about printing paste and preparation of cloth for printing. Explain the concept of dyes, dyeing methods, printing, and printing paste.</p> <p>CO3- Discuss about colour fastness and use the knowledge in day to day life. Write about the concept of dyes, dyeing methods, printing, and printing paste.</p> <p>CO4- Analyze different dyeing methods at different stages of processing. Describe the concept of dyes, printing, and printing paste.</p> <p>CO5- Evaluate the knowledge related to different printing</p>

		<p>methods. Discuss about dyes, dyeing methods, printing, and printing paste.</p> <p>CO6- Write about after treatment of printed goods, dyes, dyeing methods, printing, and printing paste.</p>
HOMDC-301	Family Resource Management and Interior Decoration	<p>CO1- Enlist the steps of Home Management and relate them. Memorize the concept of home management, factors motivating management, family resources, and interior decoration.</p> <p>CO2- Describe the motivating factors in Home management. Explain the concept of home management, factors motivating management, family resources, and interior decoration.</p> <p>CO3- Apply the principles and elements of art in interior decoration. Discuss about home management, factors motivating management, family resources, and interior decoration.</p> <p>CO4- Distinguish between human resources and non human resources. Explain the concept of home management, factors motivating management, and interior decoration.</p> <p>CO5- Evaluate the knowledge related to family resource management and interior decoration. Write about the</p>

		<p>concept of home management, factors motivating management.</p> <p>CO6- Write about Flower arrangement and Accessories. Enlist and explain the types and steps of decision making.</p>
HOMDL-301 (Lab)	Family Resource Management and Interior Decoration-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Understand and explain about different types of flower arrangements.</p> <p>CO3- Prepare colour chart.</p> <p>CO4- Make different types of flower arrangements.</p> <p>CO5- Make colour schemes</p> <p>CO6- Create handicrafts using inexpensive materials and waste materials.</p>
HOMDC-302	Extension Education in Home Science	<p>CO1- Memorize the concept, objectives, areas of Home Science and it's relationship with extension, Explain the contribution of Home Science in different fields of development, Employment outside Home Science Institutions.</p> <p>CO2- Learn and understand the meaning, objectives, principles, process and methods of Home Science Extension Education and explain it.</p> <p>CO3- Get familiarized with qualities of home science extension worker, and apply the knowledge for community</p>

		<p>development. Explain the concept of Home Science, extension worker, audio visual aids, Krishi vigyan kendra, and community development.</p> <p>CO4- Classify extension teaching methods and describe them. Describe about Home Science, extension worker, audio visual aids, Krishi vigyan kendra, and community development.</p> <p>CO5- Elaborate about Krishi Vigyan Kendra. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p> <p>CO6- Learn about Audio-Visual Aids and prepare visual aids. Realize and discuss the role of home scientists in community development. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p>
HOMDL-302(Lab)	Extension Education in Home Science - Lab	<p>CO1- Memorize the theoretical knowledge related to practical.</p> <p>CO2- Identify the problems of target group in the community.</p> <p>CO3- Understand the problems of target group in the community.</p> <p>CO4- Prepare Chart, Poster, Pamphlet/Folder.</p>

		<p>CO5- Prepare Flashcards and Flannel graph.</p> <p>CO6- Use the visual aids in the field.</p>
HOMGE-301	Human Development	<p>CO1- Remember and explain the developmental tasks of early adulthood. Memorize the concept of early adulthood, middle age, and old age.</p> <p>CO2- Understand and write the developmental tasks of middle age. Explain the concept of early adulthood, middle age, and old age.</p> <p>CO3- Enlist and explain the developmental tasks of old age. Describe the concept of early adulthood, middle age, and old age.</p> <p>CO4- Analyze the problems and challenges faced by an adult and elaborate on them. Explain about the concept of early adulthood, middle age, and old age.</p> <p>CO5- Understand and evaluate the problems of old age person and types of Changes taking place during old age. Write in detail about the concept of early adulthood, middle age, and old age.</p> <p>CO6- Write about the attitudes of old age persons. Express about early adulthood, middle age, and old age.</p>
HOMSC - 301	Housekeeping	<p>CO1- Memorize and discuss about the knowledge related to</p>

		<p>housekeeping department, cleaning activity, and pest control, In house accidents, fire safety, and first aid.</p> <p>CO2- Identify and discuss about roles/responsibilities of personnel in the housekeeping department, common pests, different cleaning agents and cleaning equipment.</p> <p>CO3- Describe ‘the Roles/responsibilities of personnel in the housekeeping department’, the knowledge related to housekeeping department, cleaning activity, and pest control, In house accidents, fire safety, and first aid.</p> <p>CO4- Analyze the knowledge related to first aid, effective methods to control common pests at home, housekeeping department, cleaning activity, In house accidents, fire safety and write about it.</p> <p>CO5- Learn and adopt fire safety measures and methods to avoid accidents in hospitality institutions. Discuss about housekeeping activities, housekeeping department, cleaning activity, and pest control, In house accidents, and first aid.</p> <p>CO6- Plan and organize housekeeping activities. Write about housekeeping activities, housekeeping department, cleaning activity, and pest control,</p>
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		In house accidents, and first aid.
HOMDC-401	Development Communication	<p>CO1- Memorize the knowledge related to Communication, Programme planning, and Participatory Rural Appraisal (PRA).</p> <p>CO2- Explain about the knowledge related to Communication, Programme planning, and Participatory Rural Appraisal (PRA).</p> <p>CO3- Apply and explain the knowledge related to Communication, Programme planning, and Participatory Rural Appraisal (PRA)</p> <p>CO4- Discuss about the knowledge related to Communication, Programme planning, and Participatory Rural Appraisal (PRA)</p> <p>CO5- Evaluate the knowledge related to Communication, Programme planning, and Participatory Rural Appraisal (PRA) and use it during field work</p> <p>CO6- Write about Communication, Programme planning, and Participatory Rural Appraisal (PRA)</p>
HOMDL-401 (lab)	Development Communication -Lab	<p>CO1- Memorize the theoretical knowledge related to practical</p> <p>CO2- Identify the problems of</p>

		<p>target group in the community.</p> <p>CO3- Understand the problems of target group in the community</p> <p>CO4- Prepare Chart, Poster</p> <p>CO5- Prepare Puppets</p> <p>CO6- Use the visual aids in the field</p>
<p>HOMDC-402</p>	<p>Growth and development (Prenatal and Infancy Years)</p>	<p>CO1- Define infancy and learn about period of infancy. Memorize the concept of growth and development, prenatal development, and infancy.</p> <p>CO2- Classify and explain the chief areas of development. Discuss about growth and development, prenatal development, and infancy.</p> <p>CO3- Express the scope and importance of studying child development. Explain the concept of growth and development, prenatal development, and infancy.</p> <p>CO4- Differentiate between growth and development Discuss about kinds of birth and adjustments after birth. Write about the concept of growth and development, prenatal development, and infancy.</p> <p>CO5- Evaluate the knowledge related to prenatal and infancy years. Express about</p>

		<p>the concept of growth and development, prenatal development, and infancy.</p> <p>CO6- Write about growth and development, prenatal development, and infancy.</p>
HOMDL-402(Lab)	Growth and development (Prenatal and Infancy Years) - Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Observe the characteristics and behaviour of infants. Observe the characteristics and behaviour of infants.</p> <p>CO3- Understand the characteristics and behavior, and sensory capacities of the infants.</p> <p>CO4- Make teaching aids for a children</p> <p>CO5- Use teaching aids in nursery school.</p> <p>CO6- Write the report.</p>
HOMGE-401	Basics of Nutrition	<p>CO1- Define food, nutrition and nutrients and also Classify food according to food groups. Learn about essential constituents of food, and meal planning.</p> <p>CO2- Identify and discuss the factors affecting total energy requirements of the body. Explain the essential constituents of food, and meal planning.</p> <p>CO3- Enlist and explain the essential constituents of food and the functions of food.</p> <p>CO4- Analyze the role of meal planning, and essential</p>

		<p>constituents of food .Discuss and write about Importance of basic food groups in the diet.</p> <p>CO5- Evaluate the knowledge of basic food groups, essential constituents of food and meal planning.</p> <p>CO6- Plan diet for different economic levels and different age groups by keeping in mind theessential constituents of food.</p>
HOMSC-401	Introduction to Fabric Construction	<p>CO1- Define knitting and understand knitting technology. Memorize the concept of yarn, methods of fabric construction, weaving</p> <p>CO2- Explain Non-woven fabrics. Understand the concept of yarn, methods of fabric construction, weaving.</p> <p>CO3- Learn and discuss about different methods of fabric construction. Explain about yarn, weaving technology and knitting technology.</p> <p>CO4- Classify and analyze basic weaves, and draw the pattern of basic weaves. Write about yarn, loom, methods of fabric construction, weaving, and knitting</p> <p>CO5- Understand and evaluate different processes of yarn making, fabric construction, weaving and knitting.</p> <p>CO6- Classify basic weaves,</p>

		create samples of basic weaves and write about yarn, loom, knitting and weaving technology.
HOMDC -501	Child growth and Development (Babyhood and Early Childhood Years)	<p>CO1- Memorize the developmental tasks of babyhood and early childhood period. Remember the concepts of babyhood and early childhood.</p> <p>CO2- Identify and discuss about developmental tasks of early childhood period. Explain the concepts of babyhood and early childhood.</p> <p>CO3- Gather knowledge and explain physical development and motor development during babyhood period, early childhood period.</p> <p>CO4- Analyze language development and social development during babyhood period. Write about cognitive development, emotional development.</p> <p>CO5- Evaluate the knowledge related to babyhood and early childhood years.</p> <p>CO6- Write about the physical development, motor development, language development and social development during early childhood years.</p>
HOMDL-501(Lab)	Child growth and Development (Babyhood and Early Childhood Years)-Lab	<p>CO1- Recall the theoretical knowledge related to practical work</p> <p>CO2- Discuss about different</p>

		<p>developments, activities and interests of children</p> <p>CO3- Prepare teaching aids for children.</p> <p>CO4- Use the teaching aids in nursery school</p> <p>CO5- Observe different developments, activities and interests of children.</p> <p>CO6- Write the report</p>
HOMDC-502	Basics of Fashion Designing	<p>CO1- Recall some terms related to fashion industry and also learn about fashion and factors affecting fashion.</p> <p>Memorize the concept of design, elements of art, and fit</p> <p>CO2- Discuss about elements of art in relation to apparel designing. Describe about design, fashion and fit.</p> <p>CO3- Interpret correct fit. Write about design, elements of art, and fashion.</p> <p>CO4- Identify and analyze common fitting problems and remedies for fitting defects. Discuss about design, elements of art, and fashion.</p> <p>CO5- Evaluate the knowledge related to apparel designing.</p> <p>CO6- Define fashion, write the principles and sources of fashion. Define design, Write it's type and explain the principles of the design.</p>

HOMDL-502(Lab)	Basics of Fashion Designing-Lab	<p>CO1- Memorize the theoretical knowledge related to practical.</p> <p>CO2- Identify different parts of sewing machine.</p> <p>CO3- Understand and handle the sewing machine.</p> <p>CO4- Construct darts, pleats, basic seams</p> <p>CO5- Construct tucks, gathers</p> <p>CO6- Prepare collars and sleeves.</p>
HOMGE-501	Nutrition and Health	<p>CO1- Define food sanitation and hygiene, food preservation, food adulteration and consumer protection, Methods of cooking and prevention of nutrient losses, nutritional and health importance of fruits and vegetables, fermented food products, food quality and safety.</p> <p>CO2- Identify and discuss methods of cooking and preventing nutrient losses .Understand the concept of nutrition, nutrient rich dishes and methods of cooking. Define food sanitation, hygiene, preservation, food adulteration, consumer protection, Nutritional and health importance of fruits and vegetables, food quality and safety and discuss about it.</p> <p>CO3- Discuss about Food preservation, Food Adulteration and Consumer Protection, food sanitation and hygiene, Methods</p>

		<p>of cooking and preventing nutrient losses, importance of fruits and vegetables, food quality and safety.</p> <p>CO4- Analyze the role of methods of cooking, importance of food and vegetables in health, food quality and safety. Discuss and write about food adulteration and food preservation.</p> <p>CO5- Evaluate the knowledge of cooking methods, food sanitation and hygiene. Discuss about fruits and vegetables, food quality and safety.</p> <p>CO6- Write in detail about cooking methods, food sanitation and hygiene. Discuss about fruits and vegetables, food quality and safety.</p>
HOMSC-501	Food Processing, Preservation and Packaging	<p>CO1- Remember and define the basic concept of Food preservation, food laws and standards, packaging and labeling of food, and food processing</p> <p>CO2- Understand and Explain food preservation and processing, food packaging and labelling, food laws and standard</p> <p>CO3- Discuss and apply the knowledge related to food laws and standard, food packaging and labeling, food processing and preservation.</p> <p>CO4- Analyze and conclude the information related to food processing and preservation,</p>

		<p>packaging and labeling of foods, food laws and standard.</p> <p>CO5- Evaluate the knowledge with respect to food preservation and processing, food packaging/labelling, food laws and standards.</p> <p>CO6- Express and Write about food laws and standards, food preservation and processing, foodpackaging/labelling.</p>
HOMDE-501(a)	Introduction to Consumer Education	<p>CO1- Define consumer and explain the characteristics and types of consumer.</p> <p>Remember the concepts related to consumer education.</p> <p>CO2- Have an overview of the consumer problems and comment about it.</p> <p>Understand and explain the concepts related to consumer education.</p> <p>CO3- Learn and explain consumer law and consumer protection and use this knowledge in day to day life. Explain the knowledge related to consumer education.</p> <p>CO4- Analyze and write about consumer behaviour, consumer rights, standard and Standardization.</p> <p>CO5- Discuss about consumer welfare and responsibilities of consumer and evaluate the knowledge related to consumer education.</p>

		<p>CO6- Write about standard and standardization. Express the knowledge related to consumer education.</p>
HOMDE-501(b)	Adulthood and Old age	<p>CO1- Remember and explain the developmental tasks of early adulthood.</p> <p>Memorize the concept of early adulthood, middle age, and old age.</p> <p>CO2- Understand and write the developmental tasks of middle age. Explain the concept of early adulthood, middle age, and old age.</p> <p>CO3- Enlist and explain the developmental tasks of old age. Describe the concept of early adulthood, middle age, and old age.</p> <p>CO4- Analyze the problems and challenges faced by an adult and elaborate on them. Explain about the concept of early adulthood, middle age, and old age.</p> <p>CO5- Understand and evaluate the problems of old age person and types of Changes taking place during old age. Write in detail about the concept of early adulthood, middle age, and old age.</p> <p>CO6- Write about the attitudes of old age persons. Express about early adulthood, middle age, and old age.</p>
HOMDC-601	Human Development – (Late childhood	<p>CO1- Define adolescence,</p>

	years, puberty and Adolescence)	<p>identify and describe the developmental tasks during adolescence. Memorize about various developments during late childhood and adolescence.</p> <p>CO2- Identify the developmental tasks of late childhood, learn and explain various developments during late childhood and adolescence. Discuss about puberty.</p> <p>CO3- Define puberty and explain the effect of puberty on behaviour. Explain various developments during late childhood and adolescence.</p> <p>CO4- Analyze the knowledge related to motor development and language development during late childhood. Write about puberty, late childhood and adolescence.</p> <p>CO5- Evaluate the knowledge related to Late childhood years, puberty and Adolescence.</p> <p>CO6- Write about Physical development, Social development, Emotional development and Cognitive development during adolescence.</p>
HOMDL-601(Lab)	Human Development – (Late childhood years, puberty and Adolescence)-Lab	<p>CO1- Recall the theoretical knowledge related to practical work</p> <p>CO2- Identify the problems of adolescents.</p> <p>CO3- Observe the relationship of adolescents with family members</p>

		<p>CO4- Observe the problems of adolescents</p> <p>CO5- Observe the relationship of adolescents with peers.</p> <p>CO6- Write the report.</p>
HOMDC-602	Therapeutic Nutrition	<p>CO1- Memorize history of dietetics and describe it. Remember about therapeutic modification of the normal diet, Causes, symptoms and principles of dieteticsmanagements of ill patients.</p> <p>CO2- Explain the role of dietitian. Describe about therapeutic modification of the normal diet, Causes, symptoms and principles of dietetics managements of ill patients.</p> <p>CO3- Learn and discuss about modification of normal diet for therapeutic purpose. Plan diet for ill patients. Explain the Causes, symptoms and principles of dietetics managements of ill patients</p> <p>CO4- Understand and analyze the principles of dietetic management of the chronically ill patients and elaborate them. Plan the diet for ill patients.</p> <p>CO5- Plan diet for patients suffering from fevers (long and short duration) peptic ulcer, gastritis , gall stone, jaundice, hepatitis, cirrhosis & infantile cirrhosis etc.</p> <p>CO6- Plan diet for patients</p>

		suffering from diarrhoea, constipation, cardio-vascular diseases, diabetes mellitus, obesity, under weight (PCM) etc.
HOMDL-602(Lab)	Therapeutic Nutrition -Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Understand the important points to be considered for planning and preparing diets for chronically ill patients.</p> <p>CO3- Make fluid and soft diets</p> <p>CO4- Modify normal diet for therapeutic purpose.</p> <p>CO5- Plan diet for chronically ill patients.</p> <p>CO6- Prepare diet for chronically ill patients.</p>
HOMGE-601	Home Science Extension Education	<p>CO1- Memorize the concept, objectives, areas of Home Science and it's relationship with extension, Explain the contribution of Home Science in different fields of development, Employment outside Home Science Institutions</p> <p>CO2- Learn and understand the meaning, objectives, principles, process and methods of Home Science Extension Education and explain it.</p> <p>CO3- Get familiarized with qualities of home science extension worker, and apply the knowledge for community development. Explain the</p>

		<p>concept of Home Science, extension worker, audio visual aids, Krishi vigyan kendra, and community Development</p> <p>CO4- Classify extension teaching methods and describe them. Describe about Home Science, extension worker, audio visual aids, Krishi vigyan kendra, and community development.</p> <p>CO5- Elaborate about Krishi Vigyan Kendra. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p> <p>CO6- Learn about Audio-Visual Aids and prepare visual aids. Realize and discuss the role of homescientists in community development. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p>
HOMSC-601	Introduction to Traditional Textiles and Embroideries in India	<p>CO1- Having an insight of historical background of traditional Indian embroidery and describe it. Study about traditional embroideries of India, Khadi, and traditional textiles of India.</p> <p>CO2- Identify and learn general techniques of embroidery. Explain traditional textiles of</p>

		<p>India, traditional embroideries of India, and khadi.</p> <p>CO3- Acquainted with traditional woven textiles of India and explain it.</p> <p>CO4- Analyze the knowledge related to traditional printed textiles of India. Write about traditional embroideries of India, and khadi.</p> <p>CO5- Sensitized about revolution in khadi and evaluate the knowledge related to traditional Indian embroidery and textiles.</p> <p>CO6- Express the role of handloom in Indian economy. Write about traditional embroideries of India, Khadi, and traditional textiles of India.</p>
HOMDE-601(a)	Introduction to Consumer Economics	<p>CO1- Define consumption and explain the characteristics and importance, Symptoms of Consumption, Standard of living and measure of consumption. Memorize about needs, family budget, consumer buying habits, and advertisement.</p> <p>CO2- Define and classify needs and describe the factors affecting and characteristics of needs. Describe the family budget, consumer buying habits, and advertisement.</p> <p>CO3- Enlist and explain the steps for making the budget. Explain needs, consumer buying habits, and advertisement.</p>

		<p>CO4- Analyze the knowledge related to consumer buying habits, advertisements.</p> <p>Write about the knowledge related to consumer economics.</p> <p>CO5- Evaluate the knowledge related to consumer economics.</p> <p>CO6- Write about main taxes in India. Elaborate on consumer credit. Express their views about consumer economics.</p>
HOMDE-601(b)	Community Nutrition and Nutritional Assessment	<p>CO1- Define protein calorie malnutrition and comment on it. Memorize the knowledge related to different deficiency diseases and nutritional assessment.</p> <p>CO2- Explain nutritional assessment, iron deficiency, iodine deficiency; fluorine deficiency and toxicity</p> <p>CO3- Discuss about protein calorie malnutrition, vitamin A deficiency; deficiency of ascorbic acid; deficiency of vitamin D and use the knowledge in day to day life.</p> <p>CO4- Analyze the knowledge related to Thiamine deficiency and Niacin deficiency and discuss about it. Write about protein calorie malnutrition, nutritional assessment and other deficiency diseases.</p> <p>CO5- Evaluate the knowledge</p>

		<p>related to different methods of nutritional assessment, deficiency diseases and write about it.</p> <p>CO6- Develop an understanding of ‘importance of nutritional assessment and surveillance’ and write about it. Express their view about various deficiency diseases.</p>
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B.Sc. FOODS, NUTRITION AND DIETETICS

Program Specific Outcome (Psos)

PSO 1	Apply food science knowledge to describe functional properties of food ingredients. Utilize the knowledge from the physical and biological sciences as a basis for understanding the role of food and nutrients in health and disease processes.
PSO 2	Apply the nutrition and dietetics-based knowledge and skills in the planning and assessment of suitable diets for individuals of every age, patients and the community in a sustainable manner.
PSO 3	Apply technical skills, knowledge of health behaviour, clinical judgment, and decision-making skills when assessing and evaluating the nutritional status of individuals and communities and their response to nutrition intervention.
PSO 4	Implement strategies for food access, procurement, preparation, and security for individuals, families, and communities along with nutrition counselling.

Course Outcomes:

Course code	Course Name	Outcome
FNDDC-101	Fundamentals of Food and Nutrition	<p>CO1- Define food, nutrition and nutrients and also Classify food according to food groups. Learn about essential constituents of food, and meal planning.</p> <p>CO2- Identify and discuss the factors affecting total energy requirements of the body. Explain the essential constituents of food, and meal planning.</p> <p>CO3- Enlist and explain the essential constituents of food and the</p>

		<p>functions of food.</p> <p>CO4- Analyze the role of meal planning, and essential constituents of food. Discuss and write about Importance of basic food groups in the diet.</p> <p>CO5- Evaluate the knowledge of basic food groups, essential constituents of food and meal planning.</p> <p>CO6- Plan diet for different economic levels and different age groups by keeping in mind the essential constituents of food.</p>
FNDDL-101 (Lab)	Fundamentals of Food and Nutrition- Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify some nutritious recipes.</p> <p>CO3- Plan diet for different economic levels.</p> <p>CO4- Plan diet for different age groups.</p> <p>CO5- Prepare diet for different economic levels.</p> <p>CO6- Prepare diet for different age groups.</p>
FNDDC-102	Human Physiology – I	<p>CO1- Understand the structure and functions of cells and tissues. Define human life processes like digestive system, circulatory system, respiratory system, excretory systems, endocrine glands, blood, muscles, Central Nervous system and sense organs.</p> <p>CO2- Comprehend the structure and functions of cells and tissues. Explain human life processes like digestive system, circulatory system, respiratory system, excretory systems, endocrine glands, blood, muscles, Central Nervous system and sense organs.</p> <p>CO3- Apply the knowledge related to cells, tissues and physiological processes along with functions of vital organs</p> <p>CO4- Illustrate and analyze digestive system, circulatory system, respiratory system, excretory systems, endocrine glands, blood, muscles, Central Nervous system and sense organs.</p> <p>CO5- Evaluate and conclude vital functions of various human</p>

		<p>body systems like digestive system, circulatory system, respiratory system, excretory systems, endocrine glands, blood, muscles, Central Nervous system and sense organs.</p> <p>CO6- Write about structure and functions of cells and tissues. Define human life processes like digestive system, circulatory system, respiratory system, excretory systems, endocrine glands, blood, muscles, Central Nervous system and sense organs.</p>
FNDDL-102 (Lab)	Human Physiology– I-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Record blood pressure using various methods</p> <p>CO3- Estimate hemoglobin</p> <p>CO4- Carryout blood grouping</p> <p>CO5- Assess histological sections of various organs</p> <p>CO6- Write about the knowledge related to practical work.</p>
FNDDC-103	Food Chemistry	<p>CO1- Define and have an overview on food chemistry including composition and the importance of water.</p> <p>CO2- Classify the carbohydrates, lipids, proteins, vitamins and flavour, minerals and natural food pigments used in food products.</p> <p>CO3-Apply the knowledge of food chemistry, and browning reactions in food products.</p> <p>CO4-Illustrate the knowledge related to Food Chemistry.</p> <p>CO5- Assess and discuss about the knowledge related to Food Chemistry.</p> <p>CO6- Build own product in innovative way by understanding changes that occurs during food development and use of enzyme technology.</p>
FNDGE-101	Basics of Food and Nutrition	<p>CO1- Define food, nutrition and nutrients and also Classify food according to food groups. Learn about essential constituents of food, and meal planning.</p> <p>CO2- Identify and discuss the factors affecting total energy</p>

		<p>requirements of the body. Explain the essential constituents of food, and meal planning.</p> <p>CO3-Enlist and explain the essential constituents of food and the functions of food.</p> <p>CO4- Analyze the role of meal planning, and essential constituents of food. Discuss and write about Importance of basic food groups in the diet.</p> <p>CO5- Evaluate the knowledge of basic food groups, essential constituents of food and meal planning.</p> <p>CO6- Plan diet for different economic levels and different age groups by keeping in mind the essential constituents of food.</p>
FNDSC-101	Fundamentals of Nutrition and Cooking Skills with Healthy Recipe Development	<p>CO1- Memorize the concepts related to food sanitation and hygiene, preservation, food adulteration and consumer protection. Method of cooking and preventing nutrient losses. Processing of cereals, pulses, fruits and vegetables and planning nutrient rich dishes.</p> <p>CO2-Understand the concept of Food sanitation and hygiene, adulteration, nutrient rich dishes and methods of cooking. Define food processing of cereals, pulses, fruits and vegetables.</p> <p>CO3- Discuss about Food preservation, Food Adulteration and Consumer Protection, methods of cooking, Food sanitation and hygiene, nutrient rich dishes.</p> <p>CO4-Apply the knowledge related to food sanitation and hygiene, nutrient rich dishes to prevent the loss of nutrients while cooking. Use the knowledge to preserve food and processing of food. Find out adulterants in food items. Use the knowledge related to consumer protection in day-to-day life.</p> <p>CO5- Evaluate the knowledge related to nutrition and processing of food, nutrient rich dishes, and different methods of cooking and prevention of nutrient losses. Write about food sanitation and hygiene, preservation, adulteration and</p>

		<p>consumer protection.</p> <p>CO6- Plan nutrient rich dishes using different methods of cooking. Discuss about food sanitation and hygiene, preservation, adulteration and consumer protection.</p>
FNDDC-201	Principles of Food Science and Preservation	<p>CO1- Memorize the concepts related to food science and preservation.</p> <p>CO2- Learn to distinguish and relate the characteristics and properties of foods.</p> <p>CO3- Apply the knowledge gained on characteristics and properties of foods during cooking</p> <p>CO4- Analyze the knowledge related to food science and preservation.</p> <p>CO5- Evaluate the basic knowledge of nutrition in making food choices and obtaining an adequate diet.</p> <p>CO6- Develop appropriate food preparation and processing methods to ensure quality standards.</p>
FNDDL-201 (Lab)	Principles of Food Science and Preservation-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Standardize common food preparation.</p> <p>CO3- Prepare different types of products from rice and wheat.</p> <p>CO4- Prepare Leavened products, milk products, syrup from sugar and jaggery</p> <p>CO5- Evaluate the food by using sensory evaluation method.</p> <p>CO6- Perform vegetable cookery, and egg cookery.</p>
FNDDC-202	Dietetics – I	<p>CO1- Memorize the concepts related to Dietetics.</p> <p>CO2- Understand the knowledge related to diet therapy, meal planning for various income groups and routine hospital diets.</p> <p>CO3- Apply the knowledge gained on diet therapy, meal planning for various income groups and routine hospital diets.</p> <p>CO4- Analyze the knowledge related to diet therapy, meal planning for various income groups and routine hospital</p>

		<p>diets.</p> <p>CO5- Evaluate the knowledge related to diet therapy, meal planning for various income groups and routine hospital diets.</p> <p>CO6- Plan meal for various income groups and routine hospital patients.</p>
FNDDL-202 (Lab)	Dietetics – I-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify food sources for various nutrients using food composition tables.</p> <p>CO3- Plan and prepare meals for adults of different activity levels for various income groups.</p> <p>CO4- Estimate BMI</p> <p>CO5 - Plan fluid diets</p> <p>CO6- Prepare fluid diets.</p>
FNDDC-203	Post Harvest Technology	<p>CO1- Memorize the concepts related to Post Harvest Technology.</p> <p>CO2- Understand the knowledge related to Food Processing, Freezing and Refrigeration, Sterilization, Drying and Dehydration</p> <p>CO3- Apply the knowledge gained on Food Processing, Freezing and Refrigeration, Sterilization, Drying and Dehydration</p> <p>CO4- Analyze the knowledge related to Food Processing, Freezing and Refrigeration, Sterilization, Drying and Dehydration</p> <p>CO5- Evaluate the knowledge related to Food Processing, Freezing and Refrigeration, Sterilization, Drying and Dehydration</p> <p>CO6- Write about Food Processing, Freezing and Refrigeration, Sterilization, Drying and Dehydration.</p>
FNDGE-201	Food Safety and Preservation	<p>CO1- Define food sanitation and hygiene and explain it. Write about home scale methods of food preservation and fortification of foods with vitamins and minerals. Memorize the knowledge related to food borne diseases, ‘Food Adulteration and Consumer Protection.’</p>

		<p>CO2-Describe food borne diseases, food sanitation and hygiene, ‘novel and processed supplementary foods, enzymes in food processing’, home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO3-Get aware about ‘Food Adulteration and Consumer Protection’ ‘food laws and standards, causes of food spoilage, home scale methods of food preservation and fortification of foods with vitamins and minerals and explain it.</p> <p>CO4-Analyze the knowledge related to ‘novel and processed supplementary foods, enzymes in food processing,’ home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO5- Evaluate the knowledge related to home scale methods of food preservation and fortification of foods with vitamins and minerals, food borne diseases, ‘Food Adulteration and Consumer Protection.</p> <p>CO6- Write about food laws and standards, food sanitation and hygiene, food preservation and fortification of foods with vitamins and minerals. Elaborate on causes of food spoilage.</p>
<p>FNDSC20 1</p>	<p>Food Processing, Preservation and Packaging</p>	<p>CO1- Remember and define the basic concept of Food preservation, food laws and standards, packaging and labeling of food, and food processing.</p> <p>CO2- Understand and Explain food preservation and processing, food packaging and labelling, food laws and standard</p> <p>CO3- Discuss and apply the knowledge related to food laws and standard, food packaging and labeling, food processing and preservation.</p> <p>CO4- Analyze and conclude the information related to food processing and preservation, packaging and labeling of foods, food laws and standard.</p> <p>CO5- Evaluate the knowledge with respect to food preservation and processing, food packaging/labelling, food laws and standards</p>

		CO6- Express and Write about food laws and standards, food preservation and processing, food packaging/labelling.
FNDDC-301	Basic food science	<p>CO1- Remember and define the basic concept of Food and Nutrients and their classification. Definition, classification, structure, properties, nutritional significance and daily requirement of Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p> <p>CO2- Understand and Explain the basic concept of Food and Nutrients and their classification. Definition, classification, structure, properties, nutritional significance and daily requirement of Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p> <p>CO3- Discuss and apply the knowledge related to food and nutrients as well as knowledge related to definition, classification, structure, properties, nutritional significance and daily requirement of Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p> <p>CO4-Analyze and conclude the information related to Food and Nutrients as well as micro and macro nutrients like Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p> <p>CO5- Evaluate the knowledge with respect to food and nutrients as well as knowledge related to definition, classification, structure, properties, nutritional significance and daily requirement of Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p> <p>CO6- Evaluate the knowledge with respect to food and nutrients as well as knowledge related to definition, classification, structure, properties, nutritional significance and daily requirement of Carbohydrates, lipids, proteins, dietary fibre, minerals, vitamins and water.</p>
FNDDL-301 (Lab)	Basics food science-lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify different types of saccharides, proteins and glycerol</p>

		<p>CO3- Plan ways to identify types of saccharides, proteins and glycerol</p> <p>CO4- Analyze types of saccharides, proteins and glycerol</p> <p>CO5-Test and evaluate types of saccharides, proteins and glycerol</p> <p>CO6-Express and write information about types of saccharides, proteins and glycerol</p>
FNDDC-302	Advanced Physiology	<p>CO1- Understand the homoeostatic status of the human body</p> <p>CO2- Comprehend the physiological processes and functions of various vital organs as applicable to human nutrition</p> <p>CO3-Apply the knowledge of physiological states to therapeutic diets</p> <p>CO4- Illustrate Cardiovascular system, Digestive System, and Respiratory System</p> <p>CO5- Assess malfunctioning of vital organs or systems</p> <p>CO6- Write about Homoeostasis and body fluids, Cardiovascular system, Digestive System, and Respiratory System</p>
FNDDL-302 (Lab)	Advanced Physiology-Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2- Identify ways to record blood pressure by Sphygmomanometer, palpatory method, auscultatory method and variation of BP. Predict Hemoglobin estimation. blood grouping, histology of Cartilage, bone, adipose tissue, skin, muscle.</p> <p>CO3-Apply information related to hemoglobin estimation. blood grouping, histology of Cartilage, bone, adipose tissue, skin, muscle and methods to measure blood pressure,</p> <p>CO4-Analyze ways to measure blood pressure, estimation of hemoglobin, blood grouping, histology of Cartilage, bone, adipose tissue, skin and muscle.</p> <p>CO5- Evaluate methods to measure blood pressure, hemoglobin estimation. blood grouping, histology of Cartilage, bone, adipose tissue, skin, muscle.</p> <p>CO6- Write about methods to measure blood pressure,</p>

		hemoglobin estimation. blood grouping, histology of Cartilage, bone, adipose tissue, skin, muscle
FNDDC-303	Nutrition and Health Education	<p>CO1- Define and have an overview on concept, objectives, principles and importance of Nutrition and health education. Communication process involved in nutrition and health education along with steps involved in planning, method involved and evaluation process for nutrition and health education programmes.</p> <p>CO2- Discuss concept, objectives and importance of nutrition and health education. Explain principles behind health education, its communication process and steps, methods and evaluation of health and nutrition education programme.</p> <p>CO3- Apply the knowledge related to nutrition health and education programmes which involve concept, objectives, principles, importance, communication process and planning as well as evaluation of these programme.</p> <p>CO4- Illustrate the knowledge related to health and nutrition education.</p> <p>CO5- Assess and discuss about the knowledge health and nutrition education.</p> <p>CO6- Create innovative programme for health and nutrition education considering concept, objectives, principles and importance of Nutrition and health education.</p>
FNDDE-301a	Bakery Management	<p>CO1- Memorize the concepts related to preparation of bread, biscuits, pastries, cake, cookies and faults and remedies in baked products. Learn about bakery, equipments and ingredients required in bakery management.</p> <p>CO2- Understand the concept of bakery–definition, principles, types of baked and confectionary products. Major and minor equipment – required to start a small bakery unit. Major and minor ingredient in baking a) Major ingredients – flour, fat, sugar and leavening agent – types, role in bakery</p>

b) Minor ingredients – milk, water, salt – types, role in bakery

Preparation of bread, biscuits, pastries, cake, cookies and faults and remedies in baked products.

CO3-Discuss about bakery management, Principles involved in the yeast products preparation, methods – straight dough method, salt delayed method, no dough time method, sponge and dough method, ferment and dough method.

b) Processing – flying fermentation, bulk fermentation, knock back, dividing and rounding, intermediate proofing, molding and panning, final proofing, baking, depanning, cooling, slicing, packaging.

c) Faults and remedies in baked bread, types of bread improvers. Explain preparation of biscuits, pastries, cake, cookies and faults and remedies in baked products.

CO4- Apply the knowledge related to a) Principles involved in cookies preparation, methods for mixing cookies – single or one stage method, creaming or sugar batter method, blending or rub in method, foaming method, flour batter method.

b) Types – sheeted types, piped types, bar types, dropped types, rolled types

i. Different between biscuits and cookies

ii. Faults and remedies in baked biscuits, cookies, bread, cake and pastries.

Illustrate bakery management, Preparation of biscuit, cookies, bread, cake and pastries.

CO5-Evaluate the knowledge related to pastry classification and preparation, bakery management and preparation of biscuit, cookies, cake, bread etc.

CO6- Write about preparation of bread, biscuits, pastries, cake, cookies and faults and remedies in baked products. Learn about bakery, equipment and ingredients required in bakery management.

<p>FNDDE 301b</p>	<p>Health and Fitness</p>	<p>CO1-Memorize the concepts related to sports nutrition, special nutritional needs for sea voyage, military and space, Warm up exercises and basic asanas, Health, yoga and fitness.</p> <p>CO2-Understand the concept of special nutrition, sports nutrition, simplified physical exercises and body stretching practices. Basic asanas, Surya namaskar, breathing exercise- pranayama, yoga fitness and health.</p> <p>CO3-Discuss about principles of yoga therapy, social skills and living value-based education. Yogic concepts in various diseases like diabetes, CVD, digestion and immune system, special nutrition, sports nutrition, warm up exercises and basic asanas, yoga, fitness and health.</p> <p>CO4-Apply the knowledge related to Definition, parameters of fitness, cardiovascular endurance, muscular strength, muscular endurance, physical fitness tests- for flexibility, health, yoga asanas, warm up exercises, special nutrition.</p> <p>CO5- Evaluate importance of health, fitness, yoga, its asanas, warm-up exercises, sports nutrition and special nutrition.</p> <p>CO6- Write about sports nutrition, special nutritional needs for sea voyage, military and space, Warm up exercises and basic asanas, Health, yoga and fitness.</p>
<p>FNDGE- 301</p>	<p>Nutrition for the Family</p>	<p>CO1- Memorize the concepts of Nutrition, Micro-nutrients, Macro-nutrients, Balanced Diet, introduction to complete digestive system of Human being, Meal planning for different age group, food guide pyramid.</p> <p>CO2- Understand the concept related to nutrition, nutrients, their digestion, meal planning for different age group considering age-appropriate factors.</p> <p>CO3- Discuss about digestive system of human beings, balanced diet and nutrition, meal planning for pregnant and lactating, Infants and preschool children, school going children, adolescence, Adults and old age.</p> <p>CO4- Apply the knowledge related to nutrition, meal planning for</p>

		<p>different age group and process of digestion among humans.</p> <p>CO5-Evaluate the knowledge related to nutrition, meal planning for different age group, dietary guidelines, food guide pyramid, digestive system of human beings.</p> <p>CO6- Write about nutrition, nutrients, dietary management and meal planning among different age group and digestive system of human beings.</p>
FNDSC-301	Assessment of Nutritional Status	<p>CO1-Memorize the concepts related to nutritional status assessment by dietary assessment, Biochemical tests, Anthropometric assessment. Define clinical assessment of diseases and nutrition intervention programmes in India.</p> <p>CO2- Understand the concept of nutrition status assessment by various methods and explain clinical assessment of diseases and nutrition intervention programmes in India.</p> <p>CO3- Discuss about dietary assessment, Biochemical tests, Anthropometric assessment, clinical assessment of diseases and nutrition intervention programmes in India.</p> <p>CO4- Apply the knowledge related to nutritional assessment and analyze nutrition intervention programmes in India.</p> <p>CO5- Evaluate the knowledge related to nutritional assessment and assess nutrition intervention programmes in India.</p> <p>CO6- Write about nutritional assessment and assess nutrition intervention programmes in India.</p>
FNDDC-401	Advanced Nutrition	<p>CO1- Memorize the concepts related to concept of body composition, biochemical composition of body, techniques of body composition determination, Energy Metabolism and its Principle, units of energy measurements, measurement of energy requirement, Specific fuel factor, Measurement of energy expenditure, Factors affecting total energy requirements. Proteins and amino acids quality and methods of evaluating protein quality. Factors affecting protein bioavailability, Protein and amino acid requirements. Therapeutic application of</p>

amino acids. Non-nutritive food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.

CO2- Learn to distinguish and relate various concepts like body composition, techniques of body composition determination, Energy metabolism, energy requirement, expenditure, protein and amino acid and their therapeutic application, Non-nutritive food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.

CO3- Apply the knowledge gained on body composition, techniques of body composition determination, Energy metabolism, energy requirement, expenditure, protein and amino acid and their therapeutic application, Non-nutritive food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.

CO4- Analyze the knowledge related to body composition, techniques of body composition determination, Energy metabolism, energy requirement, expenditure, protein and amino acid and their therapeutic application, Non-nutritive food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.

CO5- Analyze the knowledge related to body composition, techniques of body composition determination, Energy metabolism, energy requirement, expenditure, protein and amino acid and their therapeutic application, Non-nutritive food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.

CO6- Develop understanding about body composition, techniques of body composition determination, Energy metabolism, energy requirement, expenditure, protein and amino acid and their therapeutic application, Non-nutritive

		<p>food components with potential health effects. Minerals and vitamins- bioavailability, analysis and interaction with other nutrients.</p>
<p>FNDDL- 401 (Lab)</p>	<p>Advanced Nutrition-Lab</p>	<p>CO1-Recall the theoretical knowledge related to practical work.</p> <p>CO2- Predict ways to estimate protein quality, ASH content, moisture content, crude fiber content in foods. Understand about chromatography.</p> <p>CO3- Apply ways to estimate protein quality, ASH content, moisture content, crude fiber content in foods. Learn use of chromatography.</p> <p>CO4- Analyze protein quality, ASH content, moisture content and crude fiber content in foods. Learn use of chromatography.</p> <p>CO5- Evaluate in food protein quality, ASH content, moisture content and crude fiber content in foods. Chromatography use.</p> <p>CO6- Write about different ways to estimate protein quality, ASH content, moisture content, crude fiber content in foods. Interpret chromatography use.</p>
<p>FNDDC- 402</p>	<p>Dietetics II</p>	<p>CO1-Memorize the concepts related to normal diet, progressive diet, special feeding methods, Incidence, etiology, clinical manifestation, complications, dietary management & counselling of diseases like Surgery & burns, trauma, Gastro - intestinal: peptic ulcer, ulcerative colitis, diarrhoea, dysentery, Liver & Gall bladder: hepatitis, liver cirrhosis, hepatic coma, stone, Allergy, cardiovascular diseases, Renal: ARF, CRF, nephritic syndrome, glomerulonephritis, renal stone, ESRD, dialysis, overview of kidney transplant. Metabolic - (a) Diabetes b) Gout, Neurological disorders. Disorders including inborn errors of metabolism & their nutritional management. Abnormal haemoglobin, thalassemia, deficiency of Blood clotting factor, Phenyl ketonuria, Albinism, Alkaptonuria, Galactosemia, Lactose intolerance, Tay- Sach's disease intolerance, Cretinism with goitre, Wilson's disease,</p>

Menke's disease. Diet, nutrient and drug interaction: effect of drugs on ingestion, digestion, absorption and metabolism of nutrients, effect of drug dose on food, nutrients and nutritional status.

CO2-Understand the knowledge related to normal diet, progressive diet and special feeding methods. Learn about incidence, etiology, clinical manifestation, complications, dietary management & counselling of specific diseases and disorders. Explain diet, nutrient and drug interaction: effect of drugs on ingestion, digestion, absorption and metabolism of nutrients, effect of drug dose on food, nutrients and nutritional status.

CO3- Apply the knowledge gained on normal diet, progressive diet, special feeding methods drug interaction with nutrients in digestion. Collect information on incidence, etiology, clinical manifestation, complications, dietary management & counselling of specific diseases and disorders.

CO4-Analyze the knowledge related to general & modified Diets, Nutritional support method, incidence, etiology, clinical manifestation, complications, dietary management & counselling of specific diseases and disorders, effect of drugs on ingestion, digestion, absorption and metabolism of nutrients, diet, nutrient and drug interaction.

CO5- Evaluate and conclude the knowledge related to general & modified Diets, Nutritional support method, incidence, etiology, clinical manifestation, complications, dietary management & counselling of specific diseases and disorders, effect of drugs on ingestion, digestion, absorption and metabolism of nutrients, effect of drug dose on food, nutrients and nutritional status.

CO6- Write about general & modified Diets, Nutritional support method, incidence, etiology, clinical manifestation, complications, dietary management & counselling of specific diseases and disorders, effect of drugs on

		<p>ingestion, digestion, absorption and metabolism of nutrients, Diet, Nutrient and drug interaction</p>
FNDDL-402 (Lab)	Dietetics II -Lab	<p>CO1- Recall the theoretical knowledge related to practical work.</p> <p>CO2-Identify some therapeutic nutritional recipes.</p> <p>CO3- Apply theoretical knowledge on planning and preparing teaching aids for counselling of several therapeutic conditions.</p> <p>CO4- Plan diet for different therapeutic conditions covered in theory.</p> <p>CO5- Evaluate different therapeutic conditions and plan diet for certain specified therapeutic conditions mentioned in theory</p> <p>CO6- Prepare diet counselling aids for the different therapeutic patients.</p>
FNDDC-403	Applied Biochemistry	<p>CO1- Understand about electrolytic dissociation, Hasselbach equation, theory indicators principles of measurement of pH, enzymes, hormones carbohydrate metabolism.</p> <p>CO2-Comprehend about electrolytic dissociation of acids, bases, salts, buffers, Henderson -Hasselbach equation, Theory indicators principles of measurement of pH, Enzymes as biological catalyst, their mechanism and classification, metal ions, Enzyme's Kinetics Km & V max, equation. Line weaver Burk Plot. Physical factors altering enzyme activity, Enzyme inhibitors, Isoenzymes, Mechanism of action of hormones insulin: glucagon, epinephrine, thyroid and steroid, Carbohydrate Metabolism: Fate of absorbed carbohydrates, Utilisation of Glucose, Regulation of blood glucose level, Transport of glucose into the cell.</p> <p>Metabolism: glycogenesis and glycogenolysis, Glycolysis, citric acid cycle, Gluconeogenesis, pentose phosphate pathway (HMP Shunt)</p> <p>CO3-Apply the knowledge related to electrolytic dissociation, Hasselbach equation, theory indicators principles of measurement of ph, enzymes, hormonescarbohydrate</p>

		<p>metabolism.</p> <p>CO4-Illustrate electrolytic dissociation of acids, bases, salts, buffers, Henderson -Hasselbach equation, principles of measurement of pH, enzymes, their classification and mechanism, factors altering enzyme activity, mechanism of hormones, carbohydrate metabolism.</p> <p>CO5-Assess the information related to carbohydrate metabolism, enzymes and hormones activity/mechanism, electrolyte dissociation, Hasselbach equation, Theory indicators principles of measurement of pH.</p> <p>CO6-Write about electrolytic dissociation of acids, bases, salts, buffers, Henderson -Hasselbach equation, Theory indicators principles of measurement of pH, Enzymes as biological catalyst, their mechanism and classification, metal ions, Enzyme's Kinetics Km & V max equation. Line weaver Burk Plot. Physical factors altering enzyme activity, Enzyme inhibitors, Isoenzymes, Mechanism of action of hormones insulin: glucagon, epinephrine, thyroid and steroid, Carbohydrate Metabolism: Fate of absorbed carbohydrates, Utilisation of Glucose, Regulation of blood glucose level, Transport of glucose into the cell.</p> <p>Metabolism: glycogenesis and glycogenolysis, Glycolysis, citric acid cycle, Gluconeogenesis, pentose phosphate pathway (HMP Shunt)</p>
FNDDE-401a	Food product development and Marketing Strategy	<p>CO1- Memorize the concepts related to food consumption pattern, food processing and product development, recipe development, testing, evaluation and packaging of products, Institutional Support (Training and Finance) for Entrepreneurship Development. Financial Institutions (Central and State Government) banks/Funding Agencies, Market Research, Marketing Strategies, Cost Calculation, Advertising Methods, Product sales, Product License, Legal specifications, Consumer Behaviour and Food Acceptance.</p> <p>CO2-Understand the concept food consumption pattern, food</p>

		<p>processing and product development, recipe development, standardization, portion size, portion control, quantity cooking, shelf life, evaluation- sensory and microbial testing of processed foods, nutrient analysis, suitable packaging materials for different foods, swot analysis, financial management and marketing of food products.</p> <p>CO3-Discuss about food consumption pattern, introduction to food processing and product development, traditional foods, weaning foods, convenience foods, extruded foods, IMF foods, speciality products, health foods, nutritional supplements, functional foods, nutraceuticals and designer foods, sports foods, foods for defence services, space foods, testing, evaluation and packaging of products, financial management and marketing of food products.</p> <p>CO4- Apply the knowledge related to food consumption pattern, food components, types of food processing, status of food processing industry in India and scope of growth in future, principles and purpose of new product development, product design and specifications, recipe development, testing, evaluation and packaging of products, financial management and marketing of food products.</p> <p>CO5- Evaluate the knowledge related to trends in food consumption pattern. Economical, Psychological and Sociological Dimensions of Food Consumption patterns. Trends in Social Change as a base for New Product Development, food processing and product development, recipe development, testing, evaluation and packaging of products, financial management and marketing of food products.</p> <p>CO6- Write about food consumption pattern, food processing and product development, recipe development, testing, evaluation and packaging of products, financial management and marketing of food products.</p>
FNDDE-401b	Food standards and quality control	<p>CO1- Memorize the concepts related quality control, government regulations in quality control, food standards, food packaging and labelling, recent trends in packaging and</p>

		<p>labelling. food safety, food adulterator: adulteration of food - common adulterants and tests detect common adulterants.</p> <p>CO2- Understand the concept of food adulterator: adulteration of food - common adulterants and tests detect common adulterants, quality control, government regulations in quality control, food standards, food packaging and labelling, recent trends in packaging and labelling, food safety.</p> <p>CO3- Discuss about food standards, food packaging and labelling, recent trends in packaging and labelling, food adulterator: adulteration of food - common adulterants, quality control, government regulations in quality control</p> <p>CO4-Apply the knowledge related to government regulations in quality control, recent trends in packaging and labelling, quality control, food standards, food packaging and labelling, food safety, food adulterator: adulteration of food - common adulterants and tests detect common adulterants.</p> <p>CO5- Evaluate the knowledge related to food quality control, packaging and labelling, food safety, adulteration in food, government regulations in quality control, recent trends in packaging and labelling</p> <p>CO6- Write about quality control, government regulations in quality control, food standards, food packaging and labelling, recent trends in packaging and labeling, food safety, food adulterator: adulteration of food - common adulterants and tests detect common adulterants.</p>
FNDGE-401	Maternal Nutrition	<p>CO1- Memorize the concepts related to pregnancy trimester and hormonal regulation, Growth of foetus, Psychological and Physiological changes (fluid balance, circulatory, respiratory, digestive, urinary, skeletal, skin and reproductive system changes, weight gain) during pregnancy, Immunization during pregnancy, Physiological complications during pregnancy, Maternal nutrition</p>

		<p>government policies and programmes, Nutritional Anaemia, Family planning and maternal health.</p> <p>CO2- Understand the concept of Family planning and maternal health, Nutritional Anaemia, Maternal nutrition government policies and programmes, Physiological complications during pregnancy, Pregnancy trimester and hormonal regulation, Immunization during pregnancy.</p> <p>CO3- Discuss about Pregnancy trimester and hormonal regulation, Immunization during pregnancy, Family planning and maternal health, Nutritional Anaemia, Maternal nutrition government policies and programmes, Physiological complications during pregnancy.</p> <p>CO4 -Apply the knowledge related to Maternal nutrition government policies and programmes, Family planning, immunization during pregnancy, Pregnancy trimester and hormonal regulation, Nutritional Anaemia, Physiological complications during pregnancy.</p> <p>CO5- Evaluate the knowledge related to Physiological complications during pregnancy, Pregnancy trimester and hormonal regulation, Immunization during pregnancy, Family planning and maternal health, Nutritional Anaemia, Maternal nutrition government policies and programmes.</p> <p>CO6- Write about Pregnancy trimester and hormonal regulation, Immunization during pregnancy, Family planning and maternal health, Nutritional Anaemia, Maternal nutrition government policies and programmes, Physiological complications during pregnancy.</p>
FNDSC-401	Yoga Diet and Nutrition	<p>CO1- Define the appropriate diet to different age groups.</p> <p>CO2 -Understand the concept of diet and the medical value of nutrition.</p> <p>CO3- Relate over eating and malnutrition.</p> <p>CO4- Illustrate Benefits and caloric value of various food groups.</p> <p>CO5- Explain the basics of Nutrition.</p>

		CO6-Develop Yogic concept Diet and Nutrition.
FNDDC-501	Public Health	<p>CO1-Memorize the concepts related to Health and dimension of Health, Immunization: Importance and Immunization schedule for children, adults and for foreign travelers, Study of the epidemiologic approach-determinants of disease preventive & social means, Community Water and Waste Management, Nature of communicable and infectious diseases.</p> <p>CO2-Understand the concept related to infection, contamination, disinfections, decontamination, transmission-direct & indirect, vector borne disease infecting organisms and positive agents, environmental agents and epidemiological principles of disease control, Community Water and Waste Management, Concept of Epidemiology, Immunization, health and its dimension.</p> <p>CO3-Discuss about Nature of communicable and infectious diseases, Importance of water to the community, Etiology and effects of toxic agents, water borne infectious agents, sources of water, safe drinking water, potable water, waste and waste disposal, sewage disposal and treatment, solid waste and disposal, liquid waste disposal. Community Water and Waste Management, Concept of Epidemiology, Immunization, health and its dimension.</p> <p>CO4-Apply the knowledge related to nature of communicable and infectious diseases, Community Water and Waste Management, Importance and Immunization schedule for children, adults and for foreign travelers, study of the epidemiologic approach-determinants of disease preventive & social means, Health and Dimension of Health</p> <p>CO5-Evaluate the knowledge related to Positive health Versus Absence of disease. Secondary Sources of Community Health data: Sources of relevant vital statistics of infant, child & maternal mortality rates, Concept of Epidemiology, Immunization, Community Water and Waste Management, Immunization: Importance and</p>

		<p>Immunization schedule for children, adults and for foreign travelers, Concept of Epidemiology</p> <p>CO6-Write about Health and dimension of Health, Immunization: Importance and Immunization schedule for children, adults and for foreign travelers, Study of the epidemiologic approach-determinants of disease preventive & social means, Community Water and Waste Management, Nature of communicable and infectious diseases.</p>
FNDDL-501 (Lab)	Public Health-Lab	<p>CO1-Memorize the concepts related to theory.</p> <p>CO2-Understand the concept public health and nutrition, low-cost nutritious food and supplementary recipes.</p> <p>CO3-Discuss about planning of audio-visual aids for health and nutrition education.</p> <p>CO4-Apply the knowledge related to health and nutrition education.</p> <p>CO5-Evaluate the knowledge related to planning and preparation of A/V aids to provide health and nutrition education.</p> <p>CO6-Prepare A/V aids considering economic status.</p>
FNDDC-502	Geriatric Nutrition	<p>CO1-Memorize the concepts related to ageing, geriatrics, and Geriatric nutrition, Classification of old population, Physiological and biochemical changes during old age, nutritional status of old age, nutritional requirement and dietary guideline for elderly, major nutritional and health problems during old age.</p> <p>CO2-Understand the knowledge related to ageing, old age and classification of old population, gerontology, Physiological and biochemical changes during old age, old age nutritional assessment, nutritional requirement and dietary guideline for elderly, major nutritional and health problems during old age.</p> <p>CO3-Apply the knowledge gained on old age/ageing and its classification, major nutritional and health problems during old age, old age nutritional assessment, nutritional requirement and dietary guideline for elderly,</p>

		<p>gerontology, Physiological and biochemical changes during old age.</p> <p>CO4-Analyze the knowledge related to ageing, geriatrics, and Geriatric nutrition, Classification of old population, old age nutritional assessment, nutritional requirement and dietary guideline for elderly, major nutritional and health problems during old age, Physiological and biochemical changes during old age</p> <p>CO5-Evaluate the knowledge related old age/ageing and its classification, major nutritional and health problems during old age, old age nutritional assessment, nutritional requirement and dietary guideline for elderly, gerontology, Physiological and biochemical changes during old age.</p> <p>CO6-Write about ageing, geriatrics, and Geriatric nutrition, Classification of old population, Physiological and biochemical changes during old age, nutritional status of old age, nutritional requirement and dietary guideline for elderly, major nutritional and health problems during old age.</p>
FNDDL-502 (Lab)	Geriatric Nutrition-Lab	<p>CO1-Memorize the concepts related to theory.</p> <p>CO2-Understand the concept related to old age and their nutrition.</p> <p>CO3-Discuss about old age health condition, life style/living condition and nutritional status along with diet.</p> <p>CO4-Apply the knowledge related to old age by visiting to old age home and plan dishes of different types for old age people.</p> <p>CO5-Evaluate old age home and condition of older living there in terms of health, nutrition etc.</p> <p>CO6-Prepare old age home survey Performa and diets like soft, semi-solid and easily digestible balanced diet.</p>
FNDDC-503	Advances in Food Microbiology	<p>CO1-Memorize the concepts related to Microorganism importance in food, their classification, morphology,</p>

growth & reproduction, industrial importance. Food as a substrate for microorganism - pH, moisture, oxidation-reduction potential, nutrient content, inhibitory substance & biological structure. Methods of isolation and detection of microorganism or their products in food like Conventional methods, Rapid methods (Newer techniques), Immunological Methods, Chemical Methods, Spoilage of Food, Food Hazards, Role of microbes in fermented and genetically modified foods. Pro-biotics.

CO2-Understand the knowledge related to Microorganism: importance in food, their classification, morphology, growth & reproduction, industrial importance, Food as a substrate for microorganism, Methods of isolation and detection of microorganism or their products in food. Spoilage of Food, food borne infections, food intoxication, symptoms and methods of prevention, investigation of food borne disease outbreak, Role of microbes in fermented and genetically modified foods, Probiotics.

CO3-Apply the knowledge gained on Microorganism, their classification, morphology, growth & reproduction, industrial importance. Food as a substrate for microorganism,

Methods of isolation and detection of microorganism or their products in food.

Conventional methods, Rapid methods (Newer techniques), Immunological Methods, Chemical Methods, Spoilage of Food: Sources of contamination, Contamination, Spoilage and preservation of different food group, Food Hazards: food borne infections, food intoxication, symptoms and methods of prevention, investigation of food borne disease outbreak. Role of microbes in fermented and genetically modified foods. Pro-biotics.

CO4-Analyze the knowledge related to Microorganism importance in food, their classification, morphology,

growth & reproduction, industrial importance. Food as a substrate for microorganism - pH, moisture, oxidation-reduction potential, nutrient content, inhibitory substance & biological structure. Methods of isolation and detection of microorganism or their products in food like Conventional methods, Rapid methods (Newer techniques), Immunological Methods, Chemical Methods, Spoilage of Food, Food Hazards, Role of microbes in fermented and genetically modified foods. Pro-biotics.

CO5-Evaluate the knowledge related to Microorganism, their classification, morphology, growth & reproduction, industrial importance. Food as a substrate for microorganism,

Methods of isolation and detection of microorganism or their products in food.

Conventional methods, Rapid methods (Newer techniques), Immunological Methods, Chemical Methods, Spoilage of Food: Sources of contamination, Contamination, Spoilage and preservation of different food group, Food Hazards: food borne infections, food intoxication, symptoms and methods of prevention, investigation of food borne disease outbreak. Role of microbes in fermented and genetically modified foods. Pro-biotics.

CO6-Write about Microorganism, their classification, morphology, growth & reproduction, industrial importance. Food as a substrate for microorganism,

Methods of isolation and detection of microorganism or their products in food.

Conventional methods, Rapid methods (Newer techniques), Immunological Methods, Chemical Methods, Spoilage of Food: Sources of contamination, Contamination, Spoilage and preservation of different food group, Food Hazards: food borne infections, food intoxication, symptoms and methods of prevention,

		<p>investigation of food borne disease outbreak. Role of microbes in fermented and genetically modified foods. Pro-biotics.</p>
FNDGE-501	Food Preservation	<p>CO1-Remember the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p> <p>CO2-Understand the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p> <p>CO3-Discuss the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p> <p>CO4-Analyze the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p> <p>CO5-Evaluate the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p> <p>CO6-Express the principles of preservation, types of spoilage, methods to prevent spoilage and different methods of preservation</p>
FNDDE-501a	Mushroom culture	<p>CO1-Memorize the concepts related to mushroom, their identification and classification, process of mushroom cultivation, storage and nutrition</p> <p>CO2-Understand the concept related to mushroom, its nutritive value, storage-short term and long term, identification and classification of edible and poisonous mushroom.</p> <p>CO3-Discuss about nutritional and medicinal value of mushroom, their life cycle, cultivation process, classification and identification of mushroom, characteristics and morphology of mushroom.</p> <p>CO4-Apply the knowledge related to characteristics, morphology and lifecycle of mushroom, Identification and classification of mushroom, Nutritional and medicinal</p>

		<p>value of edible mushrooms, storage of mushroom</p> <p>CO5-Evaluate nutritional and medicinal value of mushroom, their life cycle, cultivation process, classification and identification of mushroom, characteristics and morphology of mushroom.</p> <p>CO6-Write about the concepts related to mushroom, their identification and classification, process of mushroom cultivation, storage and nutrition</p>
FNDDE-501b	Food service management	<p>CO1-Remember and define the basic concept related to Organization of food service management, Planning a food service unit, Institutional Menu Planning, Importance of sanitation and hygiene in food, kitchen hygiene, and personnel management.</p> <p>CO2-Understand and explain organization of food service management: Definition, Various types of Food Service institutions, their characteristics and functions, Planning a food service unit, Institutional Menu Planning, Importance of sanitation and hygiene in food, kitchen hygiene, and personnel management.</p> <p>CO3-Discuss and apply the knowledge related to Organization of food service management, Planning a food service unit, layout design, planning of different work areas – preparation, cleaning, storing, serving and dining areas. Lighting and ventilation, working heights in relation to equipment, Institutional Menu Planning, Importance of sanitation and hygiene in food, kitchen hygiene, and personnel management.</p> <p>CO4-Analyze and conclude the information related to organization of food service management, Planning a food service unit, Institutional Menu Planning: Factors influencing menu planning, principles of menu planning, different kinds of menus. Quality food Service – types- Centralized, de-centralized objectives. Styles of service, Importance of sanitation and hygiene in food, kitchen hygiene, and personnel management.</p>

		<p>CO5-Evaluate the knowledge with respect to Organization of food service management, Planning a food service unit, Institutional Menu Planning, Importance of sanitation and hygiene in food, kitchen hygiene, Hygienic handling of Food, employee's health, hygiene of food service unit. Personnel Management- selection, training and supervision of personnel, criteria for selection of Dietitian and Food Service staff.</p> <p>CO6-Express and Write about organization of food service management, Planning a food service unit, Institutional Menu Planning, Importance of sanitation and hygiene in food, kitchen hygiene, and personnel management.</p>
FNDSC-501	Nutrition for health and fitness	<p>CO1-Remember and define the basic concept related to components of fitness and health status, Energy input & output, diet & Exercise, Nutrition, exercise, physical fitness & health inter-relationship, Review of different energy systems for endurance and power activity shifts in carbohydrate and fat metabolism. Mobilization of fat stores during exercise, Nutrition in sports. Diet manipulation, pre-game & Post game meal. Life style and dietary management of stress. Significance of Physical fitness, nutrition and prevention of weight control, obesity, CV disorder and diabetes, Alternative systems for health and fitness like Yoga, meditation.</p> <p>CO2-Understand and Explain definition, components of specific fitness and health status. Energy input & output, diet & Exercise. Nutrition, exercise, physical fitness & health inter-relationship. Review of different energy systems for endurance and power activity shifts in carbohydrate and fat metabolism. Mobilization of fat stores during exercise. Nutrition in sports: sports specific requirements. Diet manipulation, pre-game & Post game meal. Life style and dietary management of stress. Significance of Physical fitness, nutrition and prevention of weight control, obesity, CV disorder and diabetes. Alternative systems for health and fitness like Yoga, meditation.</p>

		<p>CO3-Discuss and apply the knowledge related to fitness and health,</p> <p>CO4-Analyze and conclude the information related to food processing and preservation, packaging and labeling of foods, food laws and standard.</p> <p>CO5-Evaluate the knowledge with respect to food preservation and processing, food packaging/labelling, food laws and standards</p> <p>CO6-Express and Write about food laws and standards, food preservation and processing, food packaging/labelling.</p>
<p>FNDDC-601</p>	<p>Diet Therapy</p>	<p>CO1-Define energy modifications and nutritional care for weight management: Assessment, etiology, complications, prevention and treatment of obesity and underweight, diseases of Stomach, intestine, liver, gall bladder, anemia, endocrine pancreas, hypertension and renal diseases.</p> <p>CO2-Identify and discuss energy modifications and nutritional care for weight management: Assessment, etiology, complications, prevention and treatment of obesity and underweight. Etiological factors, symptoms, and management of common diseases of stomach-Gastritis and Peptic ulcer, Diarrhoea, steatorrhea, inflammatory bowel disease, Ulcerative Colitis, Flatulence, Constipation, irritable Bowel Syndrome. Liver function tests, viral Hepatitis and Cirrhosis of liver. Dietary care and management of Gall Bladder diseases –Cholecystitis and Cholelithiasis, Anaemia, Diabetes Mellitus, Hypertension, heart attack/stroke and renal diseases</p> <p>CO3-Enlist and explain modifications and nutritional care for weight management: Assessment, etiology, complications, prevention and treatment of obesity and underweight, diseases of Stomach, intestine, liver, gall bladder, anemia, endocrine pancreas, hypertension and renal diseases.</p> <p>CO4-Analyze aetiology, complications, prevention and treatment of obesity and underweight. Common diseases like Gastritis and Peptic ulcer, Diarrhoea, steatorrhea,</p>

		<p>inflammatory bowel disease, Ulcerative Colitis, Flatulence, Constipation, irritable Bowel Syndrome, Diseases of the liver and Biliary System, Gall Bladder diseases, Anaemia, Diabetes Mellitus, Hypertension and Renal Diseases.</p> <p>CO5-Evaluate aetiology, complications, prevention and treatment of obesity and underweight. Common diseases like Gastritis and Peptic ulcer, Diarrhoea, steatorrhea, inflammatory bowel disease, Ulcerative Colitis, Flatulence, Constipation, irritable Bowel Syndrome, Diseases of the liver and Biliary System, Gall Bladder diseases, Anaemia, Diabetes Mellitus, Hypertension and Renal Diseases.</p> <p>CO6-Write about energy modifications and nutritional care for weight management: Assessment, etiology, complications, prevention and treatment of obesity and underweight, diseases of Stomach, intestine, liver, gall bladder, anemia, endocrine pancreas, hypertension and renal diseases.</p>
FNDDL-601 (Lab)	Diet Therapy-Lab	<p>CO1-Recall the theoretical knowledge related to practical work.</p> <p>CO2-Identify some nutritious recipes.</p> <p>CO3-Plan diet for different diseases like obesity, underweight, diabetes mellitus etc.</p> <p>CO4-Analyze different recipes for disease like renal diseases, hypertension, diabetes, obesity and underweight.</p> <p>CO5-Evaluate diet for different diseases.</p> <p>CO6-Write and prepare diet for different diseases.</p>
FNDDC-602	Diet counselling and Patient care	<p>CO1-Understand the concept related to dietician, difference between registered dietician & Nutritionist, role of dietician in community and hospital, nutrition care process, Nutrition Assessment, Nutrition Diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation, nutrition goals & objectives. Evaluation of nutrition care</p> <p>CO2-Comprehend the concept related to dietician, difference</p>

between registered dietician & Nutritionist, role of dietician in community and hospital, nutrition care process, Nutrition Assessment, Nutrition Diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation, nutrition goals & objectives. Evaluation of nutrition care.

CO3-Apply the knowledge related to concept related to nutrition Assessment, Nutrition Diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation, nutrition goals & objectives. Evaluation of nutrition care dietician, difference between registered dietician & Nutritionist, role of dietician in community and hospital, nutrition care process.

CO4-Illustrate about definition of Dietician, Difference between registered dietician & Nutritionist, work area of hospital dietician, role of dietician in hospital, work area of community dietician, role of community dietician, Definition of Nutrition Care Process and its Steps, Nutrition assessment component, Critical thinking, nutrition diagnosis domain- intake, clinical, behavioural – environmental, nutrition vs. medical diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation components, nutrition goals & objectives. Evaluation of nutrition care.

CO5-Assess the concept related to dietician, difference between registered dietician & Nutritionist, role of dietician in community and hospital, nutrition care process, Nutrition Assessment, Nutrition Diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation, nutrition goals & objectives. Evaluation of nutrition care.

CO6-Writ about Dietician, Difference between registered dietician & Nutritionist, work area of hospital dietician, role of dietician in hospital, work area of community dietician, role of community dietician, Definition of Nutrition Care Process and its Steps, Nutrition assessment component, Critical thinking, nutrition diagnosis domain-

		<p>intake, clinical, behavioural – environmental, nutrition vs. medical diagnosis, Nutrition Interventions, Nutrition Monitoring & Evaluation components, nutrition goals & objectives. Evaluation of nutrition care.</p>
FNDDL-602 (Lab)	Diet counselling and Patient care-Lab	<p>CO1-Recall the theoretical knowledge related to practical work.</p> <p>CO2-Record medical records, prescription, anthropometry and diet etc of patient.</p> <p>CO3-Estimate patient condition.</p> <p>CO4-Carryout detailed study of patient along with evaluation of their condition</p> <p>CO5-Assess patient condition</p> <p>CO6-Write result analysis and file report along with presentation.</p>
FNDDC-603	Nutritional Biochemistry	<p>CO1-Define and have an overview of Protein metabolism, Lipids metabolism, Biological Oxidation, Vitamins and Minerals.</p> <p>CO2-Develop understanding of general reactions of amino acid, Metabolism. Transamination, decarboxylation, oxidative & non- oxidative deamination of amino acids. Urea cycle and its regulation. Summarize synthesis and break down of purine and pyrimidines, DNA replication and transcription, DNA repairs systems DNA recombinant Genetic mutation, regulation of gene expression and protein bio-synthesis.</p> <p>Explain Lipids metabolism, Enzymes and Co-enzymes involved in Oxidation and Reduction. Respiratory chain: Organisation, Substrate Oxidation. Chemistry and biochemical role of fat-soluble vitamins. A. D. E. and K. Water soluble vitamins – B1, B2, B6 niacin and C.</p> <p>Minerals: Biochemical role of inorganic elements</p> <p>CO3-Apply knowledge related to Protein metabolism, Purine and pyrimidines, Nucleic acid, Lipids metabolism, Biological Oxidation: Enzymes and Co-enzymes involved in Oxidation and Reduction. Respiratory chain: Organisation, Substrate Oxidation. Vitamins: Chemistry and biochemical role of fat-soluble vitamins. A. D. E. and</p>

		<p>K. Water soluble vitamins – B1, B2, B6 niacin and C. Minerals: Biochemical role of inorganic elements</p> <p>CO4-Analyze general reactions of amino acid, Metabolism. Transamination, decarboxylation, oxidative & non-oxidative deamination of amino acids. Urea cycle and its regulation. Summarize synthesis and break down of purine and pyrimidines, DNA replication and transcription, DNA repairs systems DNA recombinant Genetic mutation, regulation of gene expression and protein biosynthesis.Lipids metabolism, Enzymes and Co-enzymes involved in Oxidation and Reduction. Respiratory chain: Organisation, Substrate Oxidation. Chemistry and biochemical role of fat-soluble vitamins. A. D. E. and K. Water soluble vitamins – B1, B2, B6 niacin and C. Minerals: Biochemical role of inorganic elements</p> <p>CO5-Evaluate and conclude about Protein metabolism, Lipids metabolism, Biological Oxidation, Vitamins Chemistry and biochemical role of fat-soluble vitamins. A. D. E. and K. Water soluble vitamins – B1, B2, B6 niacin and C. Minerals: Biochemical role of inorganic elements</p> <p>CO6-Express and write your learning about Protein metabolism, Purine and pyrimidines, Nucleic acid, Lipids metabolism, Biological Oxidation: Enzymes and Co-enzymes involved in Oxidation and Reduction. Respiratory chain: Organisation, Substrate Oxidation. Vitamins: Chemistry and biochemical role of fat-soluble vitamins. A. D. E. and K. Water soluble vitamins – B1, B2, B6 niacin and C. Minerals: Biochemical role of inorganic elements</p>
FNDGE-601	Community Nutrition and nutritional Deficiency	<p>CO1-Memorize the concepts related to health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p> <p>CO2-Understand the concept of health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p>

		<p>CO3-Discuss about health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p> <p>CO4-Apply the knowledge related to health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p> <p>CO5-Evaluate the knowledge related to health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p> <p>CO6-Write about health, nutrition, community and society, Communicable diseases and Nutrition relief & rehabilitation.</p>
FNDDE-601a	Research methodology	<p>CO1-Define Research, research problem and its identification, methods of acquiring knowledge, selection of problem and describe need, and steps of research, types of researches, research design, sampling method, data collection instrument and techniques, validity and reliability of test; nature, types and functions of hypothesis and report writing.</p> <p>CO2-Develop understanding about research, research problem and its types, research design, hypothesis, population and sampling and types of research, validity and reliability of test, sources of data and techniques for data gathering, report writing and method of acquiring knowledge.</p> <p>CO3-Apply various concepts of research methodology for better understanding along with procedure of report writing.</p> <p>CO4-Analyze different methods of acquiring knowledge and write about types of researches, sampling, sources of data and report writing.</p> <p>CO5-Gain knowledge and conclude various steps involved in research method along with report writing and evaluate it</p> <p>CO6-Write about different steps taken to conduct research as well as method of acquiring knowledge and procedure of report writing.</p>

FNDDE-601b	Basics of Statistics	<p>CO1-Define and explain statistics and it's uses, data classification and tabulation, diagrammatic and graphical representation of data, measures of central tendency and Standard deviation, calculation of chi square, t-test and correlation, analysis of data and report writing</p> <p>CO2-Classify data and construct frequency distribution table, diagram and graphs based on data, describe statistics meaning and uses, measures of central tendency and SD, data analysis tests and research report writing</p> <p>CO3-Use measures of central tendency and SD, graphs and diagrams, data analysis, classification and tabulation of data, data analysis in their research work along with writing a research report. Illustrate meaning and uses of statistics.</p> <p>CO4-Learn about tabulation, analysis and diagrammatic of data as well as writing a research report. Analyze use of statistics, measures of central tendency and SD</p> <p>CO5-Conclude use of statistics in data presentation in tabular and diagrammatic form, data analysis, measures of central tendency and research report writing</p> <p>CO6-Develop the understanding of 'significance of Statistics in research' and write about statistics, diagrammatic representation of data, measures of central tendency.</p>
FNDSC-601	Hospital food service administration	<p>CO1-Understand the Evolution and Impact of Hospital-Based Health Care. Comprehend the changing scenarios in hospital-based healthcare and the effects of globalization on healthcare systems, the role and growth of corporate hospitals in developing countries, infrastructure and layout requirements for an ideal corporate hospital, hospital and changing needs of patients, Principles of hospital management, functioning of Hospital managers, marketing and material management, human resource management, computer management. Hospitality in hospital care management of dietary department.</p> <p>CO2-Understand the functioning of modern hospitals and the</p>

changing needs of patients, importance of hospitality in hospital care and its impact on patient satisfaction, diet planning for hospital diets, purchasing, storage and quantity food production, patient compliance, food production, serving to patient- tray and trolley service, plate waste management, washing and garbage disposal, Hospital-Based Health Care. Comprehend the changing scenarios in hospital-based healthcare and the effects of globalization on healthcare systems, the role and growth of corporate hospitals in developing countries, infrastructure and layout requirements for an ideal corporate hospital, functioning of Hospital managers, marketing and material management, human resource management, computer management.

CO3-Manage and apply the processes involved in hospitality in hospital care Management of dietary department, Marketing and Material management, Human resource management, managerial accounting and financial management, importance of material management, principles of material management, inventory management. Types of computer systems used for reservation systems, point of sale systems (POS) and property management systems, Principles of Hospital management Managerial activities for effective hospital Functioning, Patient Care Services, Hospital based health care and its changing scenario.

CO4-Analyze managerial activities necessary for effective hospital functioning. Define the duties and responsibilities of hospital managers and the qualities required for successful office management, marketing and material management. Recognize the importance of effective inter and intra-departmental coordination. Analyze the functioning of corporate multi-specialty hospitals. Hospitality in hospital care Management of dietary department, Patient Care Services, Hospital based health care and its changing scenario

		<p>CO5-Evaluate Patient Admission / discharge, cafeteria and dietary services,</p> <p>front office services, housekeeping services, blood bank, diagnostic services, lab, physiotherapy, pharmacy operation theatre, outpatient and inpatient ward – admission, Hospital based health care and its changing scenario, Principles of Hospital management, Marketing and Material management, Hospitality in hospital care Management of dietary department.</p> <p>CO6-Write about Hospital based health care and its changing scenario, Effects of globalization on health care, concepts of corporate hospitals in developing countries, infrastructure and layout of an ideal corporate hospital, functioning of modern, hospital and changing needs of patients, hospitality in hospital care, Patient Care Services, Principles of Hospital management, Marketing and Material management, Hospitality in hospital care Management of dietary department.</p>
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B.A (HINDI)

Program Specific Outcome (PSOs)

PSO1	साहित्य अभिव्यक्ति के सभी रूपों का विश्लेषण, व्याख्या और मूल्यांकन करके छात्र की सोच और समझने की क्षमता का विकास करता है ।
PSO2	हिन्दी भाषा और साहित्य की उत्पत्ति को समझना।
PSO3	हिंदी भाषा और साहित्य की व्यापक परिधि में समाहित साहित्य को विविध रूपों, भाषा के अनुप्रयोगात्मक पक्ष की जानकारी देना।
PSO4	हिंदी साहित्य के अध्ययन से सामाजिक, नैतिक, एवं राष्ट्रीय मूल्यों का निर्माण होगा।

Course Outcomes (CO)

Paper Code	Paper Name	Course Outcomes
HINDC101	हिन्दी साहित्य का	CO1- हिन्दी साहित्य के इतिहास लेखन ज्ञान प्राप्त करना।

	इतिहास	<p>CO2- हिन्दी साहित्य की प्रमुख रचनाओं के माध्यम से साहित्यिक विकास यात्रा को समझना।</p> <p>CO3 - आदिकाल, भक्तिकाल व रीतिकालीन के साहित्यिक का तुलनात्मक अध्ययन करना।</p> <p>CO4- आदिकाल, भक्तिकाल व रीतिकालीन के सम्बन्ध में सामाजिक, राजनीति व आर्थिक परिस्थितियों का विश्लेषण।</p> <p>CO5- हिन्दी साहित्य के इतिहास के आलोक में साहित्य की तर्किक स्थिति का मूल्यांकन।</p> <p>CO6- हिन्दी साहित्य के इतिहास के आलोक में नवीन साहित्य के संबंध का अध्ययन।</p>
HINDC-102	हिन्दी कथा साहित्य: कहानी और उपन्यास	<p>CO1- हिंदी कथा साहित्य का ज्ञान प्राप्त करना।</p> <p>CO2- हिंदी कथा साहित्य की भावों को समझना।</p> <p>CO3- साहित्य के माध्यम से समाज को देखने का दृष्टिकोण विकसित करना।</p> <p>CO4- हिंदी कथा साहित्य के विश्लेषण की क्षमता का विकास करना।</p> <p>CO5- हिंदी कथा साहित्य की प्रमुख रचनाओं का मूल्यांकन करना।</p>
HINGE-101	परिचयात्मक हिन्दी	<p>CO1- भाषा सम्प्रेषण की अवधारणा का ज्ञान कराना।</p> <p>CO2- हिंदी भाषा के मौखिक व लिखित व्याकरण की व्याख्या करना।</p> <p>CO3- हिंदी भाषा के मौखिक व लिखित व्याकरण के सिद्धांतों का अनुप्रयोग करना।</p> <p>CO4- मुहावरे और लोकोक्तियों का विश्लेषण करना।</p> <p>CO5- हिंदी भाषा के व्याकरण, शब्दगत अशुद्धियाँ और वाक्य का मूल्यांकन करना।</p> <p>CO6- वाक्य के विभिन्न रूपों, व्याकरण का नवीन स्वरूप की जाँच करना।</p>
HINSC-101	हिन्दी भाषा और कम्प्यूटर	<p>CO1- कम्प्यूटर पर हिंदी का बोध।</p> <p>CO2- कार्यालयों में हिन्दी भाषा की कार्यप्रणाली की समझ विकसित करना।</p> <p>CO3- कम्प्यूटर पर हिंदी कार्य में सक्षम बनाना।</p> <p>CO4- कम्प्यूटर पर कार्य करने की प्रक्रिया का विश्लेषण करना।</p> <p>CO5- कार्यालयी हिंदी की कार्यप्रणाली का मूल्यांकन।</p> <p>CO6- ई-गवर्नेंस और हिन्दी भाषा की तर्क पूर्ण जानकारी।</p>
HINDC-201	हिन्दी साहित्य का इतिहास (रीतिकाल एवं आधुनिक काल)	<p>CO1- हिन्दी साहित्य के इतिहास लेखन का ज्ञान प्राप्त करना।</p> <p>CO2- हिन्दी साहित्य की प्रमुख रचनाओं के माध्यम से साहित्यिक विकास यात्रा को समझना।</p> <p>CO3- आदिकाल, भक्तिकाल व रीतिकालीन के साहित्यिक का</p>

		<p>तुलनात्मक अध्ययन करना।</p> <p>CO4- आदिकाल, भक्तिकाल व रीतिकालीन के सम्बन्ध में सामाजिक, राजनीति व आर्थिक परिस्थितियों का विश्लेषण।</p> <p>CO5- हिन्दी साहित्य के इतिहास के आलोक में साहित्य की तर्किक स्थिति का मूल्यांकन।</p> <p>CO6- हिन्दी साहित्य के इतिहास के आलोक में नवीन साहित्य के संबन्ध का अध्ययन।</p>
HINDC-202	हिन्दी नाट्य एवं एकांकी	<p>CO1- हिन्दी नाटक और रंगमंच कला का ज्ञान।</p> <p>CO2- भारतीय रंगमंच, एकांकी, और नाट्य साहित्य को समझना।</p> <p>CO3- नाटक, एकांकी और रंगमंच अध्ययन के माध्यम से अभिनय कौशल का विकास।</p> <p>CO4- साहित्य की कुछ प्रमुख नाटक और एकांकी द्वारा कला विश्लेषण।</p> <p>CO5- नाटक, एकांकी और रंगमंच कला का मूल्यांकन।</p> <p>CO6- नाट्य साहित्य की विभिन्न विधाओं और उनकी रचनात्मक शैली का परिचय के माध्यम से इन विधियों में लेखन कौशल का विकास।</p>
HINGE-201	हिन्दी रंगमंच	<p>CO1- हिन्दी नाटक और रंगमंच कला का ज्ञान।</p> <p>CO2- भारतीय रंगमंच, और नाट्य साहित्य को समझना।</p> <p>CO3- रंगमंच अध्ययन के माध्यम से अभिनय कौशल का विकास।</p> <p>CO4- साहित्य की कुछ प्रमुख रंगमंच का संस्थानों का विश्लेषण।</p> <p>CO5- नाटक और रंगमंच कला का मूल्यांकन।</p> <p>CO6- नाट्य साहित्य की विभिन्न विधाओं और उनकी रचनात्मक शैली का परिचय के माध्यम से इन विधियों में लेखन कौशल का विकास।</p>
HINSC-201	कार्यालय हिन्दी	<p>CO1- हिंदी भाषा के व्यवसायिक स्वरूप का ज्ञान।</p> <p>CO2- हिंदी भाषा के कार्यालय प्रतिमानों की व्याख्या।</p> <p>CO3- कार्यालय पत्राचार के विविध स्वरूपों के प्रयोग की व्यवस्था की जाँच करना।</p> <p>CO4- प्रशानिक शब्दावली का विश्लेषण करना।</p> <p>CO5- हिंदी भाषा के व्यवसायिक स्वरूप के विविध पहलुओं का मूल्यांकन करना।</p> <p>CO6- कार्यालय हिन्दी के विविध स्वरूपों का सह सम्बंधन की जाँच।</p>

HINDC-301	छायावादोत्तर हिन्दी कविता	<p>CO1- आधुनिक हिंदी साहित्य की सामाजिक, धार्मिक, व सांस्कृतिक परिस्थितियों का ज्ञान।</p> <p>CO2- छायावादोत्तर हिंदी कवि व कविता की व्याख्या।</p> <p>CO3- छायावादोत्तर हिंदी कविता के विविध विमर्शों का अनुप्रयोग करना।</p> <p>CO4- आधुनिक हिंदी साहित्य के अध्ययन द्वारा काव्य विश्लेषण करना।</p> <p>CO5- छायावादोत्तर हिंदी कविता का मूल्यांकन करना।</p> <p>CO6- छायावादोत्तर हिंदी कविता में निहित विभिन्न विचारधारों का सामान्यीकरण।</p>
HINDC-302	निबन्ध और गद्य संस्मरण	<p>CO1- हिंदी निबंध के विविध स्वरूपों का ज्ञान प्राप्त करना।</p> <p>CO2- हिन्दी की अन्य गद्य विधाओं के स्वरूपों की व्याख्या करना।</p> <p>CO3- हिन्दी गद्य विधाओं के साहित्य का अनुप्रयोग करना।</p> <p>CO4- हिंदी निबंध रचनाओं की विश्लेषण की क्षमता का विकास।</p> <p>CO5- हिंदी गद्य विधाओं के विविध स्वरूपों का मूल्यांकन करना।</p> <p>CO6- हिंदी साहित्य की विविध गद्य विधाओं की सामाजिक, सांस्कृतिक, राजनैतिक दृष्टिकोण से आंकलन करना।</p>
HINGE-301	सर्जनात्मक लेखन	<p>CO1- अभिव्यक्ति के विभिन्न माध्यमों के रूप में सृजनात्मक लेखन का ज्ञान।</p> <p>CO2- संचार माध्यमों में लेखन कौशल के महत्व को समझना।</p> <p>CO3- आधुनिक संचार तकनीक माध्यमों में सृजनात्मक लेखन का विकास।</p> <p>CO4- दृश्य-श्रव्य संचार कौशलों में प्रयुक्त भाषा संरचना का विश्लेषण करना।</p> <p>CO5- विविध अभिव्यक्ति के माध्यमों का निधारण।</p> <p>CO6- साहित्य की विभिन्न विधाओं और उनकी रचनात्मक शैली के माध्यम से लेखन शैली का विकास।</p>
HINSC-301	हिन्दी पत्रकारिता	<p>CO1- पत्रकारिता के विभिन्न पहलुओं का ज्ञान प्राप्त करना।</p> <p>CO2- पत्रकारिता के विकास और इतिहास को समझना।</p> <p>CO3- संपादकीय फीचर रिपोर्टाज, खोजी समाचार, आदि की प्रविधि का पता लगाना।</p> <p>CO4- पत्रकारिता के दायित्व का विश्लेषण करना।</p> <p>CO5- समाचार लेखन कला का मूल्यांकन करना।</p> <p>CO6- पत्रकारिता की कार्यप्रणाली की प्रविधि को जानना।</p>
HINDC-401	लोक साहित्य	<p>CO1- लोक साहित्य और संस्कृति का ज्ञान कराना।</p> <p>CO2- लोक साहित्य से जुड़े विषयों को वर्गीकरण कर के समझना।</p>

		<p>CO3- विभिन्न भारतीय राज्यों के लोक साहित्य की वर्तमान परिस्थित का अध्ययन ।</p> <p>CO4- लोक साहित्य से सम्बन्धित विभिन्न रचनाओं और उनकी रचनाकारों का विश्लेषण करना।</p> <p>CO5 - लोक साहित्य से सम्बन्धित क्षेत्र का मूल्यांकन।</p> <p>CO6- लोक साहित्य से जुड़े विषयों की जांच करना।</p>
HINDC-402	प्रयोजनमूलक हिन्दी	<p>CO1- प्रयोजनमूलक हिंदी की अवधारणा का बोध।</p> <p>CO2- दृश्य श्रव्य माध्यम के विभिन्न क्षेत्रों को समझना।</p> <p>CO3- परिभाषित शब्दावली, कार्यालयी (प्रशासनिक शब्दावली) कम्प्यूटर परिभाषिक शब्दावली और विज्ञापन की भाषा के प्रयोग विधि को जानना।</p> <p>CO4- अनुवाद और प्रिंट मीडिया का विश्लेषण करना।</p> <p>CO5- प्रयोजन मूलक ,कार्यलय हिंदी ,दृश्य श्रव्य माध्यम का मूल्यांकन करना।</p> <p>CO6- प्रयोजनमूलक हिंदी और कार्यलय हिंदी के एकीकृत स्वरूप की पहचान।</p>
HINGE-401	हिन्दी गद्य साहित्य का परिचय	<p>CO1- साहित्येतर भाषा प्रयोग को समझना।</p> <p>CO2- हिन्दी गद्य विधाओं की विकास यात्रा की व्याख्या करना ।</p> <p>CO3- साहित्य के माध्यम से समाज को देखने का दृष्टिकोण विकसित करना।</p> <p>CO4- हिंदी कथा साहित्य के विश्लेषण की क्षमता का विकास करना।</p> <p>CO5- हिंदी के महत्वपूर्ण लेखकों के साहित्य का मूल्यांकन करना।</p> <p>CO6- विभिन्न गद्य विधाओं के समान्यीकरण का अध्ययन करना।</p>
HINSC-401	अनुवाद- कोशल	<p>CO1- अनुवाद की अवधारणा का ज्ञान।</p> <p>CO2- आधुनिक युग में अनुवाद के महत्व को समझना।</p> <p>CO3- अनुवाद की विभिन्न विधियों के प्रयोग का अनुमान लगाना।</p> <p>CO4- अनुवाद विज्ञान से सम्बन्धित विभिन्न सिद्धांतों, क्षेत्रों व अवधारणा का भारतीय और पाश्चात्य सन्दर्भ में विश्लेषण ।</p> <p>CO5- अनुवाद के विविध क्षेत्रों का निधारण करना।</p> <p>CO6- अनुवाद विज्ञान विषय पर तार्किक दृष्टिकोण का विकास ।</p>
HINDC-501	भाषा विज्ञान	<p>CO1- हिन्दी भाषा की उत्पत्ति और अवयवों की विशेषताओं और भाषा संरचना का ज्ञान ।</p> <p>CO2- हिन्दी भाषा की वैज्ञानिकता और वैधानिकता को समझना।</p> <p>CO3- भाषा की अवधारणा, शब्दावली, अनुवाद की व्याख्या के</p>

		<p>व्यवहारिक प्रयोगों का अध्ययन।</p> <p>CO4- भाषा-विज्ञान के अन्तर्गत भाषा संरचना के रूपों का विश्लेषण करना।</p> <p>CO5- हिन्दी भाषा और भाषा-विज्ञान के सम्पूर्ण स्वरूप का मूल्यांकन।</p> <p>CO6- हिन्दी भाषा संरचना प्रणाली के स्वरूप की जाँच करना ।</p>
HINDC-502	गढ़वाली लोक साहित्य	<p>CO1- गढ़वाल क्षेत्र के लोक साहित्य का ज्ञान।</p> <p>CO2- गढ़वाली लोक साहित्य के स्वरूप को समझना ।</p> <p>CO3- गढ़वाली लोकवादों के अध्ययन के माध्यम से विलुप्त होती कला के महत्व की जांच करना।</p> <p>CO4- लोक गाथा, गढ़वाली की पौराणिक कथाओं का विश्लेषण करना।</p> <p>CO5- गढ़वाली लोक रचनाओं और रचनाकार की रचनाओं का मूल्यांकन करना।</p> <p>CO6- हिमालय साहित्य के अध्ययन के द्वारा साहित्य रचना की प्रेरणा प्राप्त करना।</p>
HINDE-501	हिन्दी भाषा और साहित्य (क)	<p>CO1- भाषा निर्माण की ऐतिहासिक पृष्ठभूमि का ज्ञान।</p> <p>CO2- आधुनिक भारतीय भाषाओं के पुरातन स्वरूप को समझना ।</p> <p>CO3- राष्ट्रभाषा, राजभाषा और सम्पर्क भाषा की कार्यप्रणाली की जाँच करना।</p> <p>CO4- हिन्दी की वैज्ञानिक स्थिति का विश्लेषण करना। ।</p> <p>CO5- आधुनिक गद्य की अनेक विधाओं का मूल्यांकन करना।</p> <p>CO6- हिन्दी साहित्य के इतिहास के सन्दर्भ में विभिन्न कवियों के योगदान की समीक्षा।</p>
HINDE-501	अनुवाद:व्यवहार और सिद्धांत (ख)	<p>CO1- अनुवाद की अवधारणा का ज्ञान।</p> <p>CO2- आधुनिक युग में अनुवाद के महत्व को समझना।</p> <p>CO3- अनुवाद की विभिन्न विधियों के प्रयोग का अनुमान लगाना।</p> <p>CO4- अनुवाद विज्ञान से सम्बन्धित विभिन्न सिद्धांतों, क्षेत्रों व अवधारणा का भारतीय और पाश्चात्य सन्दर्भ में विश्लेषण ।</p> <p>CO5- अनुवाद के विविध क्षेत्रों का निधारण करना।</p> <p>CO6- अनुवाद विज्ञान विषय पर तार्किक दृष्टिकोण का विकास ।</p>
HINGE-501	कथा साहित्य	<p>CO1- हिंदी कथा साहित्य का ज्ञान प्राप्त करना।</p> <p>CO2- हिंदी कथा साहित्य की भावों को समझना।</p> <p>CO3- साहित्य के माध्यम से समाज को देखने का दृष्टिकोण विकसित करना।</p> <p>CO4- हिंदी कथा साहित्य के विश्लेषण की क्षमता का विकास करना।</p> <p>CO5- हिंदी कथा साहित्य की प्रमुख रचनाओं का मूल्यांकन करना।</p> <p>CO6- हिंदी के महत्वपूर्ण लेखकों के साहित्य से परिचित कराना ताकि छात्र साहित्य रचना की ओर आकर्षित हो।</p>

HINSC-501	साहित्यिक पत्रकारिता	<p>CO1- साहित्यिक पत्रकारिता के विभिन्न पहलुओं का ज्ञान।</p> <p>CO2- साहित्यिक पत्रकारिता के विकास और इतिहास को समझना।</p> <p>CO3- संपादकीय फीचर रिपोर्टाज, खोजी समाचार, आदि की प्रविधि का साहित्यिक पत्रकारिता में पता लगाना।</p> <p>CO4- साहित्यिक पत्रकारिता का विश्लेषण करना।</p> <p>CO5- साहित्यिक पत्रकारिता कला का मूल्यांकन करना।</p> <p>CO6- साहित्यिक पत्रकारिता की कार्यप्रणाली को जानना।</p>
HINDC-601	आलोचना साहित्य	<p>CO1- हिंदी आलोचना की वैचारिक पृष्ठभूमि का ज्ञान।</p> <p>CO2- हिंदी आलोचना साहित्य के प्रमुख स्वरूप और प्रकारों को समझना।</p> <p>CO3- हिंदी आलोचना साहित्य के विभिन्न अवधारण और विचारधाराओं का हिंदी आलोचना के परिपेक्ष में वर्णन करना।</p> <p>CO4- हिंदी आलोचना का साहित्य विश्लेषण करना।</p> <p>CO5- विभिन्न आलोचना सिद्धांतों का मूल्यांकन करना।</p> <p>CO6- हिंदी आलोचना के विभिन्न आलोचकों के सिद्धांतों का अध्ययन।</p>
HINDC-602	कुमाउनी भाषा और साहित्य	<p>CO1 कुमाउनी साहित्य और संस्कृति का ज्ञान प्राप्त करेंगे।</p> <p>CO2- कुमाउनी भाषा और हिन्दी के पारस्परिक सम्बन्ध को समझना।</p> <p>CO3- कुमाउनी भाषा की वर्तमान परिस्थित का अध्ययन।</p> <p>CO4- कुमाउनी भाषा से सम्बन्धित विभिन्न रचनाओं का विश्लेषण करना।</p> <p>CO5- कुमाउनी भाषा की भाषिक संरचना का मूल्यांकन।</p> <p>CO6- कुमाउनी लोक साहित्य से जुड़े विषयों की जांच करना।</p>
HINDE-601	हिन्दी उपन्यास- प्रेमचंद (क)	<p>CO1- प्रेमचंदतर युगीन सामाजिक, राजनैतिक और धार्मिक स्थित का ज्ञान।</p> <p>CO2- प्रेमचंद की श्रेष्ठ कृतियों के माध्यम से गद्य साहित्य के विकास को समझना।</p> <p>CO3- प्रेमचंद के साहित्य के अध्ययन के द्वारा साहित्यिक संवेदना का विकास।</p> <p>CO4- प्रेमचंद के साहित्य का विश्लेषण करना।</p> <p>CO5- प्रेमचंद की श्रेष्ठ साहित्य का निर्धारण करना।</p> <p>CO6- प्रेमचंद की श्रेष्ठ साहित्य के अध्ययन द्वारा साहित्य के विषय पर तार्किक दृष्टिकोण का विकास।</p>
	हिन्दी काव्य- कबीर (ख)	<p>CO1- कबीर युगीन सामाजिक, राजनैतिक और धार्मिक स्थित का ज्ञान।</p> <p>CO2- कबीर काव्य के माध्यम से निर्गुण काव्य धारा को समझना।</p> <p>CO3- कबीर के साहित्य अध्ययन के द्वारा साहित्यिक संवेदना का विकास।</p> <p>CO4- कबीर के साहित्य का विश्लेषण करना।</p> <p>CO5- कबीर के काव्य का तुलनात्मक अध्ययन करना।</p> <p>CO6- कबीर साहित्य अध्ययन द्वारा साहित्य के विषय पर तार्किक दृष्टिकोण का विकास करना।</p>

HINGE-601	सोशल मीडिया	CO1- सोशल मीडिया की अवधारणा का ज्ञान। CO2- सोशल मीडिया की कार्यप्रणाली को समझना। CO3- सोशल मीडिया के विभिन्न क्षेत्रों, कार्यप्रणाली की प्रयोजनीयता की जांच करना। CO4- सोशल मीडिया का समाज पर प्रभाव का विश्लेषण करना। CO5- सोशल मीडिया की भाषा का मूल्यांकन करना। CO6- सोशल मीडिया माध्यमों में विज्ञापन की भाषा, इंटरनेट सामग्री सृजन का पता लगाना।
HINSC-601	विज्ञापन और हिन्दी भाषा	CO1- विज्ञापन की अवधारणा का ज्ञान कराना। CO2- विज्ञापन के लिखित व्याकरण की व्याख्या करना। CO3- विज्ञापन के मौखिक व लिखित व्याकरण के सिद्धांतों का अनुप्रयोग करना। CO4- विभिन्न क्षेत्रों के विज्ञापन लेखन का विश्लेषण करना। CO5- विज्ञापन की भाषा के स्वरूप का मूल्यांकन करना। CO6- विज्ञापन-निर्माण रचना के स्वरूप की जांच करना।

B.A. (GARHWALI LANGUAGE AND CULTURE)

Program Specific Outcome (PSO)

PSO1	प्रस्तुत कार्यक्रम के माध्यम से छात्र गढ़वाली भाषा के व्याकरण का गहन ज्ञान प्राप्त कर पाएंगे।
PSO2	गढ़वाली भाषा में उत्कृष्ट साहित्य लेखन कर पाएंगे।
PSO3	वर्तमान समय में नई शिक्षा नीति के तहत रोजगार की दृष्टि से यह कार्यक्रम उपयोगी सिद्ध होगा।
PSO4	गढ़वाली में पत्र लेखन और अनुवाद कार्य को सरलता पूर्वक कर सकेंगे।

Course Outcome (CO)

COURSE CODE	SUBJECT NAME	COURSE OUTCOMES
GARDC-101	गढ़वाली भाषा एवं व्याकरण	CO1- व्याकरण संबंधित नियमों का ज्ञान होगा। CO2- गढ़वाली व्याकरण की बारीकियों को समझेंगे। CO3- व्याकरण संबंधित नियमों से परिचित होकर गढ़वाली शब्दों को प्रयोग करेंगे। CO4- वाक्य विश्लेषण कर पाएंगे। CO5- गढ़वाली शब्दों का संश्लेषण कर पाएंगे। CO6- गढ़वाली व्याकरण के सभी रूपों का मूल्यांकन करेंगे।

GARDC-102	गढ़वाली भाषा का इतिहास और साहित्य	<p>CO1- गढ़वाली भाषा के इतिहास का ज्ञान होगा।</p> <p>CO2- गढ़वाली साहित्य के इतिहास को समझेंगे।</p> <p>CO3- गढ़वाली साहित्य और बोलियों को उदाहरण के रूप में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली साहित्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली साहित्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली भाषा के इतिहास और साहित्य का मूल्यांकन करेंगे।</p>
GARGE101	गढ़वाल विषयक सामान्य ज्ञान – I	<p>CO1- गढ़वाल के सामान्य ज्ञान का बोध होगा।</p> <p>CO2- गढ़वाल के मुख्य पर्यटन स्थलों को समझेंगे।</p> <p>CO3- प्रमुख प्रयागों का अध्ययन कर पाएंगे।</p> <p>CO4- गढ़वाल के प्रमुख देवी स्थानों का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली साहित्यकारों के साहित्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाल के सामान्य ज्ञान का मूल्यांकन कर पाएंगे।</p>
GARSC101	अनुवाद- गढ़वाली अनुवाद लेखन का अभ्यास	<p>CO1- अनुवाद का अर्थ स्वरूप और प्रकारों का ज्ञान होगा।</p> <p>CO2- अनुवाद की प्रकृति, उपयोगिता एवं आवश्यकता को समझेंगे।</p> <p>CO3- गढ़वाली भाषा में अनुवाद को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- अनुवाद की प्रक्रिया, प्रकार और समस्याओं का विश्लेषण कर पाएंगे।</p> <p>CO5- अनुवादक की इकाइयों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली भाषा में व्यावहारिक अनुवाद का मूल्यांकन कर पाएंगे।</p>
GARDC201	गढ़वाली व्याकरण-2	<p>CO1- व्याकरण संबंधित नियमों का ज्ञान होगा।</p> <p>CO2- गढ़वाली व्याकरण की बारीकियों को समझेंगे।</p> <p>CO3- व्याकरण संबंधित नियमों से परिचित होकर गढ़वाली शब्दों को प्रयोग करेंगे।</p> <p>CO4- वाक्य विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली शब्दों का संश्लेषण कर पाएंगे।</p>

		CO6- गढ़वाली व्याकरण के सभी रूपों का मूल्यांकन करेंगे।
GARDC202	समकालीन गढ़वाली भाषा काव्य	<p>CO1- गढ़वाली काव्य का ज्ञान होगा।</p> <p>CO2- गढ़वाली काव्य के माध्यम से गढ़वाली समाज में चल रही समस्याओं और प्रथाओं को समझेंगे।</p> <p>CO3- गढ़वाली भाषा काव्य को हिंदी व्याख्या के रूप में प्रयोग करेंगे।</p> <p>CO4- लेखकों के साहित्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली काव्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली काव्य के सभी रूपों का मूल्यांकन करेंगे।</p>
GARGE201	गढ़वाल विषयक सामान्य ज्ञान – II	<p>CO1- गढ़वाल की विभिन्न जनजातियों का ज्ञान होगा।</p> <p>CO2- नंदा राजजात के माध्यम से गढ़वाल की संस्कृति को समझेंगे।</p> <p>CO3- गढ़वाली बोलियों का अध्ययन करके उसके विविध रूपों को अपने दैनिकमें प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाल के प्रमुख देवी देवताओं से संबंधित आख्यानों का विश्लेषण कर पाएंगे।</p> <p>CO5- उत्तराखंड की प्रमुख बोलियों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाल के सामान्य ज्ञान का मूल्यांकन कर पाएंगे।</p>
GARSC201	प्रयोजनमूलक गढ़वाली	<p>CO1- छात्रों को जनसंचार के विभिन्न माध्यमों में गढ़वाली भाषा को प्रयुक्त करने का ज्ञान प्राप्त होगा।</p> <p>CO2- छात्र गढ़वाली में पत्र लेखन, सूचना लेखन आवेदन पत्र, ज्ञापन आदि का कार्य सरलता से कर सकते हैं।</p> <p>CO3- गढ़वाली भाषा में अनुवाद कार्य कर पाएंगे।</p> <p>CO4- अपठित गद्यांश और पद्यांश को पढ़कर उसमें संक्षेपण और टिप्पणका विश्लेषणकर पाएंगे।</p> <p>CO5- गढ़वाली को लेखन की दृष्टि से संश्लेषण कर पाएंगे।</p> <p>CO6- व्यावहारिक अनुवाद का मूल्यांकन कर पाएंगे।</p>
GARDC301	गढ़वाली भाषा गद्य	<p>CO1- गढ़वाली भाषा गद्य का ज्ञान होगा।</p> <p>CO2- गद्य के माध्यम से समाज में चल रही समस्याओं को समझेंगे।</p> <p>CO3- साहित्य की बारीकियों को समझकर कहानी लेखन का कार्य करेंगे।</p> <p>CO4- गढ़वाली कहानियों का विश्लेषण कर पाएंगे।</p>

		<p>CO5- गढ़वाली कहानियों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लोककथाओं का मूल्यांकन कर पाएंगे।</p>
GARDC302	गढ़वाली संस्कृति	<p>CO1- गढ़वाली संस्कृति का ज्ञान होगा।</p> <p>CO2- गढ़वाल के रीति रिवाजों को समझेंगे।</p> <p>CO3- उत्तराखंड की संस्कृति को अपने दैनिक व्यवहार में अनुप्रयोग करेंगे।</p> <p>CO4- उत्तराखंड की बोलियों का विश्लेषण कर पाएंगे।</p> <p>CO5- वैश्विक पटल पर गढ़वाली संस्कृति का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाल के प्रमुख तीर्थ स्थल और वीर वीरांगनाओं का मूल्यांकन कर पाएंगे।</p>
GARGE301	गढ़वाल विषयक सामान्य ज्ञान-III	<p>CO1- गढ़वाल के इतिहास का ज्ञान होगा।</p> <p>CO2- गढ़वाल और हिमालय का आपस में सह संबंध को समझेंगे।</p> <p>CO3- गढ़वाल की नदियों की विस्तृत जानकारी का बोध हुआ।</p> <p>CO4- गढ़वाल की बाह्य और आभ्यंतर संस्कृति का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाल की संस्कृति का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाल विषयक सामान्य ज्ञान का मूल्यांकन करेंगे।</p>
GARSC301	गढ़वाली गीतकार एवं गायिकी का अध्ययन	<p>CO1- गढ़वाली गीतकारों और गढ़वाली गायिकी का ज्ञान होगा।</p> <p>CO2- गढ़वाली गीतों का अर्थ समझेंगे।</p> <p>CO3- गढ़वाली गीतों को अपने दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली गीतों का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली गीतों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली गीतकारों और गढ़वाली गीतों का मूल्यांकन कर पाएंगे।</p>
GARDC401	गढ़वाली पत्रकारिता	<p>CO1- गढ़वाली पत्रकारिता का ज्ञान होगा।</p> <p>CO2- गढ़वाली पत्रकारिता के मुख्य सिद्धांतों को समझेंगे।</p> <p>CO3- गढ़वाली पत्रकारिता को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली पत्रकारों की समाज को देन का विश्लेषण</p>

		करेंगे। CO5- गढ़वाली पत्रकारिता का संश्लेषण करेंगे। CO6- गढ़वाल के पत्रकार साहित्यकारों का हिंदी साहित्य में योगदान का मूल्यांकन कर पाएंगे।
GARDC402	गढ़वाली लोकगाथा	CO1- लोकगाथा के अर्थ और स्वरूप का बोध होगा। CO2- गढ़वाली लोकगाथाओं को समझेंगे। CO3- लोकगाथा को नाट्य रूपांतरण करके मंच पर अभिनव प्रयोग कर पाएंगे। CO4- लौकिक गाथा और पौराणिक गाथा का विश्लेषण कर पाएंगे। CO5- लौकिक गाथा और पौराणिक गाथा का संश्लेषण कर पाएंगे। CO6- गढ़वाली लोकगाथाओं का मूल्यांकन कर पाएंगे।
GARGE401	गढ़वाल विषयक सामान्य ज्ञान – IV	CO1- उत्तराखंड राज्य आंदोलन का ज्ञान होगा। CO2- उत्तराखंड में महिलाओं की भूमिका को समझेंगे। CO3- उत्तराखंड के जिलों का विस्तृत बोध हुआ। CO4- उत्तराखंड के प्रसिद्ध मेले का विश्लेषण कर पाएंगे। CO5- गढ़वाल संबंधित सूक्ष्म से सूक्ष्म तथ्यों का संश्लेषण कर पाएंगे। CO6- गढ़वाल विषयक सामान्य ज्ञान का मूल्यांकन करेंगे।
GARSC401	सांस्कृतिक पर्यटन	CO1- गढ़वाल में सांस्कृतिक पर्यटन का बोध होगा। CO2- पर्यटन के प्रभावों को समझेंगे। CO3- पर्यटन को व्यवसाय और मनोरंजन की दृष्टि से प्रयोग कर पाएंगे। CO4- उत्तराखंड की सांस्कृतिक विरासत का विश्लेषण कर पाएंगे। CO5- गढ़वाल के उत्सव, कलाएं, संगीत एवं वाद्ययंत्रों का संश्लेषण कर पाएंगे। CO6- उत्तराखंड में पर्यटन उद्योग और भावी संभावनाओं का मूल्यांकन कर पाएंगे।
GARDC501	गढ़वाली संगीत एवं नृत्य	CO1- गढ़वाली संगीत और नृत्य का बोध हुआ। CO2- गढ़वाली संगीत और नृत्य को समझेंगे। CO3- गढ़वाली संगीत और नृत्य को अपने दैनिक जीवन

		<p>में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली संगीत और नृत्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली संगीत और नृत्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली संगीत और नृत्य का मूल्यांकन कर पाएंगे।</p>
GARDC502	लोक साहित्य	<p>CO1- गढ़वाली लोक साहित्य का ज्ञान होगा।</p> <p>CO2- लोक साहित्य का अर्थ, स्वरूप और प्रवृत्ति समझेंगे।</p> <p>CO3- लोक साहित्य के वर्गीकरण को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली लोकगीत का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली लोककथाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लोक साहित्य का स्वरूप एवं संभावनाओं का मूल्यांकन करेंगे।</p>
GARDE501(A)	गढ़वाली कथा साहित्य (विकल्प - 1)	<p>CO1- गढ़वाली कथा साहित्य का ज्ञान होगा।</p> <p>CO2- साहित्य के माध्यम से यथार्थ की समस्याओं को समझेंगे।</p> <p>CO3- साहित्य लेखन को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- कथा साहित्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गद्य की विधाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली कथा साहित्य का मूल्यांकन कर पाएंगे।</p>
GARDE501(B) (Choose any one)	कुमाउनी साहित्य का इतिहास(विकल्प -2)	<p>CO1- कुमाउनी भाषा के इतिहास का ज्ञान होगा।</p> <p>CO2- कुमाउनी साहित्य की पृष्ठभूमि को समझेंगे।</p> <p>CO3- कुमाउनी की विभिन्न बोलियों को अपने दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- कुमाउनी भाषा के इतिहास और साहित्य का विश्लेषण करेंगे।</p> <p>CO5- कुमाउनी साहित्य की साहित्यिक प्रवृत्ति एवं विशेषताओं का संश्लेषण करेंगे।</p> <p>CO6- कुमाउनी लेखकों का कुमाउनी साहित्य और हिंदी साहित्य में योगदानका मूल्यांकन करेंगे।</p>
GARGE501	गढ़वाल विषयक सामान्य ज्ञान – V	<p>CO1- उत्तराखंड की भौगोलिक स्थिति का ज्ञान होगा।</p> <p>CO2- उत्तराखंड में जैव विविधता को समझेंगे।</p> <p>CO3- गढ़वाल में वन सम्पदा का बोध हुआ।</p>

		<p>CO4- गढ़वाल में खनिज सम्पदा का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाल संबंधित सूक्ष्म से सूक्ष्म तथ्यों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाल विषयक सामान्य ज्ञान का मूल्यांकन करेंगे।</p>
GARSC501	गढ़वाली आणा- पखाणा	<p>CO1- छात्रों को गढ़वाली आणा पखाणा के स्वरूप का ज्ञान हुआ।</p> <p>CO2- गढ़वाली आणा पखाणा के माध्यम से आम जनमानस की अभिव्यक्ति के स्वरूप को समझेंगे।</p> <p>CO3- गढ़वाली आणा पखाणा को अपने दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- आणा पखाणा की विशेषताओं का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली आणा पखाणा का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लोकोक्ति, मुहावरे, कहावतें, पहेली आदि का मूल्यांकन करेंगे।</p>
GARDC601	गढ़वाली गद्य मंजूषा	<p>CO1- गद्य के सामान्य परिचय का ज्ञान हुआ।</p> <p>CO2- साहित्य के माध्यम से समाज की यथार्थ समस्याओं को समझेंगे।</p> <p>CO3- साहित्य लेखन को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली लेखकों का अपनी भाषा के प्रति प्रेम का विश्लेषण कर पाएंगे।</p> <p>CO5- गद्य की विधाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- गद्य की विधाओं का मूल्यांकन कर पाएंगे।</p>
GARDC602	गढ़वाली पद्य मंजूषा	<p>CO1- गढ़वाली पद्य का बोध होगा।</p> <p>CO2- गढ़वाली साहित्य के माध्यम से उत्तराखंड के नैसर्गिक सौंदर्य को समझ पाएंगे।</p> <p>CO3- गढ़वाली पद्य लेखन को दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली पद्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली पद्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली पद्य का मूल्यांकन कर पाएंगे।</p>
GARDE601(A)	गढ़वाल की वास्तुकला (विकल्प - 1)	<p>CO1- गढ़वाल की वास्तुकला के इतिहास का बोध होगा।</p> <p>CO2- मंदिरों में स्थापत्य कला के इतिहास को समझेंगे।</p> <p>CO3- भवनों के निर्माण में वास्तुकला का प्रयोग कर</p>

		<p>पाएंगे।</p> <p>CO4- वास्तुकला और स्थापत्य कला का विश्लेषण कर पाएंगे।</p> <p>CO5- काष्ठकला और वास्तुकला का संश्लेषण कर पाएंगे।</p> <p>CO6- प्राकृतिक सौंदर्य हेतु वास्तुकला, स्थापत्य कला और काष्ठकला का मूल्यांकन कर पाएंगे।</p>
GARDE601(B) (Choose any one)	कुमाउनी संस्कृति (विकल्प -2)	<p>CO1- संस्कृति का अर्थ, परिभाषा और स्वरूप, सभ्यता और संस्कृति में अंतरका बोध होगा।</p> <p>CO2- कुमाऊं के रीति रिवाजों को समझेंगे।</p> <p>CO3- कुमाउनी संस्कृति को अपने दैनिक व्यवहार में अनुप्रयोग करेंगे।</p> <p>CO4- कुमाउनी समाज और संस्कृति का विश्लेषण कर पाएंगे।</p> <p>CO5- कुमाउनी भाषा और संस्कृति का संश्लेषण कर पाएंगे।</p> <p>CO6- कुमाउनी संस्कृति का मूल्यांकन कर पाएंगे।</p>
GARGE601	गढ़वाली लोकगीत एवं गढ़वाली भाषा के विकास में उत्तराखंड सरकार का योगदान	<p>CO1- छात्रों को गढ़वाली लोकगीतों के स्वरूप का ज्ञान हुआ।</p> <p>CO2- गढ़वाली लोकगीतों के माध्यम से आम जनमानस की अभिव्यक्ति के स्वरूप को समझेंगे।</p> <p>CO3- गढ़वाली गीतों को अपने दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- लोकगीतों की विशेषताओं का विश्लेषण कर पाएंगे।</p> <p>CO5- लोकगीतोंकेवर्गीकरण कासंश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली भाषा के विकास में उत्तराखंड सरकार के योगदान का मूल्यांकन करेंगे।</p>
GARSC601	गढ़वाली वाद्ययंत्र	<p>CO1- गढ़वाली वाद्ययंत्रों का बोध हुआ।</p> <p>CO2- गढ़वाली वाद्ययंत्र के प्रकार को समझेंगे।</p> <p>CO3- गढ़वाली वाद्ययंत्रों को अपने दैनिक जीवन में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली वाद्ययंत्रों के सामाजिक महत्व का विश्लेषण कर पाएंगे।</p> <p>CO5- वैश्विक पटल पर गढ़वाली वाद्ययंत्र का संश्लेषण कर पाएंगे।</p>

		CO6- गढ़वाली वाद्ययंत्रों का मूल्यांकन कर पाएंगे।
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BA/B.Sc(Defence & Strategic Studies)

Program Specific Outcome (PSO)

PSO1	Explain about Wars and its types, warfare, weapons used in different countries including India; disaster and Defence journalism along with cyber security.
PSO2	Understand Planning, Defence Mechanism of Power Countries, Higher Defence organization and Armed forces, Paramilitary force & intelligence system through theory and practical.
PSO3	Develop core competencies in – national security affairs; internal and external and natural challenges related to National security faced by any country (theory and practice).
PSO4	Equip the specific knowledge of India's threat perceptions, assessment of both internal and external level, awareness of problems the country faces as a nation state; study of maps and compass; structure, objectives, role and problems of Civil Defence Organization in India.

Course outcomes (CO)

Course Code	Course Name	Outcome
DEFDC 101	Fundamentals of Defence & Strategic Studies	CO1 -Describe the concept of Defence and Strategic Studies CO2 -Discuss the fundamental concepts of War CO3 -Demonstrate the Basic concept and types of wars CO4 -Analyze the Typology of Warfare CO5 -Evaluate the peaceful settlement of International disputes. CO6 -Write about the Settling International Disputes
DEFDL 101	Lab course based on DC 101	CO1 -Define Indication will be useful in observing the present military geographic location CO2 -Discuss the methods of studying the different types of maps. CO3 -Interpret to find the ways and directions through maps. CO4 -Differentiate different types of maps and study them. CO5 -Critique the methods of study topo sheets CO6 -Develop spatial reasoning skills.
DEFDC 102	Conflict Resolution and Peace building	CO1 -Illustrate the meaning and concept of Conflict Resolution and Peace Building. CO2 -Explain the Conflict Resolution and Peace Building: CO3 -List the peaceful settlement of International disputes.

		<p>CO4-Investigate knowledge about peace research</p> <p>CO5-Evaluate the Inter – state and Intra – state conflicts.</p> <p>CO6-Gain knowledge about peace research</p>
DEFDL 102	Lab course based on DC 102	<p>CO1-Find the positions on the maps through different methods.</p> <p>CO2-Gather knowledge for field sketch from route reports through practical.</p> <p>CO3-Analyze the students to read about maps through field work.</p> <p>CO4-Explore the functions of different scales.</p> <p>CO5-Know about slope, and contour lines on a map by scale.</p> <p>CO6-Learn the actual distance between places.</p>
DEFSC 101	Fundamentals of Disaster Management	<p>CO1-Memorize different concept of disaster management.</p> <p>CO2-Understand the concepts of disaster and disaster management.</p> <p>CO3-Explain disaster its Types, Causes, Effects;</p> <p>CO4-Differentiate disasters - both natural and manmade and its impact on society and ecological systems.</p> <p>CO5-Distinguish importance of Team management.</p> <p>CO6-Formulate the knowledge on policies and actions regarding preparedness, mitigation, relief and rehabilitation.</p>
DEFDC 201	Strategic Thought	<p>CO1-Understand the strategic thoughts related to security; strategic thoughts of Gandhi</p> <p>CO2-Interpret the different concepts of various thinkers</p> <p>CO3-Explain the concepts on land, sea and air power</p> <p>CO4-Analytical thinking regarding relevance of such thought to contemporary period.</p> <p>CO5-Conclude the basic theories of Revolutionary War</p> <p>CO6-Right the impact of weapons and strategies</p>
DEFDL 201	Lab course based on DC 201	<p>CO1-Remember the functions and uses of Prismatic Compass.</p> <p>CO2-Explain the important directions of compass and to make it useful in present day dangers for students.</p> <p>CO3-Demonstrate the world through compass.</p> <p>CO4-Illustrate maps through field work.</p> <p>CO5-Discriminate the Bearing and Inter-conversions of Bearings in detail.</p> <p>CO6-Express engagement with the surroundings.</p>

DEFDC 202	Evolution of Art of war in India	<p>CO1-Gaining knowledge about ancient India and military system</p> <p>CO2-Exploration of the organization of war philosophy of different periods of history.</p> <p>CO3-Understand the techniques of war of different rulers.</p> <p>CO4-Investigate the main reasons for the failure of the military systems in the middle ages.</p> <p>CO5-Evaluate the complete Military System of different periods.</p> <p>CO6-Express the Military Organization of Maurya, Shivaji and Marathas.</p>
DEFDL 202	Lab course based on DC 202	<p>CO1-Explore gradient method, ratio method and section diagram method</p> <p>CO2-Gather knowledge for field sketch from route reports through practical.</p> <p>CO3-Analyze the students to read about maps through field work.</p> <p>CO4-Explore the techniques of finding the routes and to draw Field sketches.</p> <p>CO5-Evaluate the presentation and Different method of marching</p> <p>CO6-Write about the Route Reports.</p>
DEFSC 201	Strategic Leadership	<p>CO1-Identify the Strategic Leadership, Behavioral Concepts and Team Building and Management</p> <p>CO2-Describe the Military Leadership</p> <p>CO3-Explain the Individual Behavior Perception, Learning, Attitude Formation and Team building Activities</p> <p>CO4-Analyze the Characteristics of Military Leadership and Personality Development.</p> <p>CO5-Evaluate the Strategic Leadership and Individual Behavior</p> <p>CO6-Write about the basic concept Meaning, Significance of Strategic Leadership</p>
DEFDC 301	Fundamentals of India's National Security	<p>CO1-Recall the basic concepts of National and International Security, and different Policies.</p> <p>CO2-Classify the difference between Foreign policy and Defence policy.</p> <p>CO3-Demonstrate specific knowledge of India's threat perceptions;</p> <p>CO4-Relate the national security challenges both internal and external a country face;</p> <p>CO5-Support the Contemporary security environment in the world.</p> <p>CO6-Apply strategies and policy making management</p>

DEFDL 301	Lab course based on DC 301	<p>CO1-Recall map reading and map making through practical.</p> <p>CO2-Explain the functions of different scales.</p> <p>CO3-Implement positions on the maps through different methods.</p> <p>CO4-Analysis the knowledge about slope, and contour lines on a Map by scale.</p> <p>CO5-Discriminate the actual distance between places.</p> <p>CO6-Express the scales as essential security tool for creating and interpreting maps.</p>
DEFDC 302	National Security – Conceptual Aspects	<p>CO1-Acquire knowledge of the conceptual aspect of national security.</p> <p>CO2-Discuss on ideological issues of national security.</p> <p>CO3-Analyse major elements and sources of national security.</p> <p>CO4-Explore the key elements of security military preparedness.</p> <p>CO5-Assessment of challenges in national security.</p> <p>CO6-Display internal and external security on the security panel.</p>
DEFDL 302	Lab course based on DC 302	<p>CO1-Define the enlargement and reduction map.</p> <p>CO2-Explain the techniques of order and fire control.</p> <p>CO3-Analysis of Infantry Platoon.</p> <p>CO4-Explore the Organization Weapons.</p> <p>CO5-Evaluate the Service Guard.</p> <p>CO6-Investigate the organization's weapons and infantry platoon.</p>
DEFSC 301	Defence Journalism	<p>CO1-Identify the key concepts of Journalism and related issues</p> <p>CO2-Discuss the history and trends of journalism</p> <p>CO3-Explain matters to be stated in the content of News and Media</p> <p>CO4-Appraise nuances of reporting, investigating, researching and writing good reports.</p> <p>CO5-Evaluate the rights of press and media.</p> <p>CO6-Express Journalism ethics in detail.</p>
DEFDC 401	Economic Aspects of National Security	<p>CO1-illustrate defence economics.</p> <p>CO2-Discussion on the concept of defence and development.</p> <p>CO3-Analysis of the impact of the economic war on the national economy.</p> <p>CO4-Investigation on the utility of logistics in wars.</p> <p>CO5-Evaluation of Defence Planning in India.</p> <p>CO6-Expressing defence planning, programming and budgeting.</p>

DEFDL 401	Lab course based on DC 401	<p>CO1-Identify the gradient method, ratio method and section diagram method</p> <p>CO2-Describe the techniques of finding the routes and to draw Field sketches.</p> <p>CO3-Explain Route Reports.</p> <p>CO4-Analyze the students to read about maps through field work.</p> <p>CO5-Criticize field sketch from route reports through practical.</p> <p>CO6-Formulate different types of maps and study them.</p>
DEFDC 402	Military History of Uttarakhand	<p>CO1-Identify the knowledge about the development of military in Uttarakhand.</p> <p>CO2-Understand the Strategy, tactics, of war</p> <p>CO3-Explain the history, importance and rise of military culture and valor in Uttarakhand</p> <p>CO4-Analyze the rise of military culture in Uttarakhand.</p> <p>CO5-Evaluate the contribution of different soldiers of Uttarakhand</p> <p>CO6-Express the views on history of the Garhwali Rifles and Kumaon Regiment.</p>
DEFDL 402	Lab course based on DC 402	<p>CO1-Gained knowledge of different methods of measure the distance during day and night.</p> <p>CO2-Understanding the Types of Brokers Map.</p> <p>CO3-Study of different slopes on maps.</p> <p>CO4-Investigation on ICE and differential conversion.</p> <p>CO5-Evaluation of bearing with I.C.E.</p> <p>CO6-Gaining knowledge through educational tour in the form of practical.</p>
DEFSC 401	News and Content Analysis	<p>CO1-Define the Basic concepts of News and media</p> <p>CO2-Understand importance and role of media in conflict situation.</p> <p>CO3-Demonstrate knowledge about reporting</p> <p>CO4-Illustrate the impacts on public perception besides implications of media on national security and vice versa</p> <p>CO5-Conclude the methods of news content</p> <p>CO6-Express the functions of News writing</p>
DEFDC 501	Modern warfare	<p>CO1-Describe the history and features of warfare</p> <p>CO2-Explain the features of Psychological warfare.</p> <p>CO3-Discriminate the exposure Chemical and biological warfare</p> <p>CO4-Illustrate concept and theories of nuclear war in detail.</p> <p>CO5-Distinguish the definition, meaning and distinguish basic</p>

		<p>concepts of Guerrilla warfare; Economic warfare.</p> <p>CO6-Express the views on wars after independence</p>
DEFDL 501	Lab course based on DC 501	<p>CO1-Describe sand modals and field crafts through practical.</p> <p>CO2-Gained knowledge of fieldcraft with field Cover and Camouflage.</p> <p>CO3-Explore the tactical formations.</p> <p>CO4-Classify the construction and functions of Sand Modals.</p> <p>CO5-Evaluate the different field crafts and field formations.</p> <p>CO6-Students will express through short presentation record and oral voice.</p>
DEFDC 502	Conceptual Aspects of war	<p>CO1-Describe the history and features of warfare</p> <p>CO2-Explain the concept, features and principles of modern warfare.</p> <p>CO3-Analyse the war as a policy instrument.</p> <p>CO4-Distinguish the definition, meaning and distinguish basic concepts of Guerrilla warfare; Economic warfare.</p> <p>CO5-Explain the features of Psychological warfare.</p> <p>CO6-Illustrate concept and theories of nuclear war in detail.</p>
DEFDL 502	Lab course based on DC 502	<p>CO1-Describe sand modals and field crafts through practicals.</p> <p>CO2-Explain the different field crafts and field formations.</p> <p>CO3-Explore the tactical formations.</p> <p>CO4-Investigate the organization's weapons and infantry platoon.</p> <p>CO5-Evaluate the knowledge related to analyze data.</p> <p>CO6-Develop the techniques of preparing presentations.</p>
DEFDE 501	Indian Defence Mechanism	<p>CO1-Memorize the basic concepts & meaning of Indian Defence Mechanism</p> <p>CO2-Describe the powers of President and higher defence organizations.</p> <p>CO3-Execute and display defence forces and process</p> <p>CO4-Relate headquarters, field formations and weapons of all three forces</p> <p>CO5-Evaluate the basic concepts of Armed Forces, Air Force and Navy.</p> <p>CO6-Develop the strengths of defence intelligence agency</p>

DEFSC 501	Basics of Defence Journalism	<p>CO1-List the concepts of Defence journalism</p> <p>CO2-Understand how the media whether print or visual shall report aspects of Defence and national security for international community in general and state in particular.</p> <p>CO3-Explain the Media Ethics and Media Laws besides getting exposure to the practical aspects of Defence journalism.</p> <p>CO4-illustrate the problems in Defence writing and sort them out</p> <p>CO5-Evaluate the Defence reporting and terminology</p> <p>CO6-Create mail merge, documents, templates and Recommended formatting</p>
DEFDC 601	International Relations & Organization	<p>CO1-Memorize basic concepts of international relations and how nation-state system works.</p> <p>CO2-Discuss competency in military and state - centric aspects of international relations;</p> <p>CO3-Illustrate security dilemma and some economic aspects of war.</p> <p>CO4-Criticize Balance of Power and Collective security.</p> <p>CO5-Appraise Foreign Policy options and Diplomacy.</p> <p>CO6-Investigate International and regional Organizations’.</p>
DEFDL 601	Lab course based on DC 601	<p>CO1-Define the techniques of preparing presentations.</p> <p>CO2-Analyze different places through educational tour.</p> <p>CO3-Explain the process of writing and report</p> <p>CO4-Conclude basic knowledge to form report.</p> <p>CO5-Evaluate the knowledge related to analyze data.</p> <p>CO6-Develop the detailed study of the tour.</p>
DEFDC 602	Aspects of strategic Thought	<p>CO1-Remember the strategic thoughts of different thinkers on war</p> <p>CO2-Interpret the different concepts of SunTzu</p> <p>CO3-Explain Mao-Tse-Tung ‘s views on Guerrilla warfare</p> <p>CO4-Analyze the John Foster Dulles, Andre Beaufre and</p> <p>CO5-Evaluate Theories of Nuclear War</p> <p>CO6-Write about the Theories of Nuclear War, and Deterrence.</p>
DEFDL 602	Lab course based on DC 602	<p>CO1-Define the techniques of preparing presentations.</p> <p>CO2-Understanding international problems through newspaper cuttings.</p> <p>CO3-Interpret the process of writing and report</p> <p>CO4-Investigate the techniques of preparing presentations.</p> <p>CO5-Formulate different types of maps and study them.</p> <p>CO6-Develop the students to read about maps through field work.</p>

DEFDE 601	Cyber Security	<p>CO1-Acquire knowledge about cyber technology and security.</p> <p>CO2-Distinguish students to learn the nuances of the cyber world</p> <p>CO3-Analyse of the impact of cybercrime on national security.</p> <p>CO4-Analyse the experience in trying out practical applications of cyber security.</p> <p>CO5-Identify risks by conducting an evaluation study of cyber defensive measures.</p> <p>CO6-Express cyber policy and preparedness mechanisms.</p>
DEFSC 601	Introduction to Information & Cyber Security	<p>CO1-Memorize cyber threats, to state, institution and individuals.</p> <p>CO2-Distinguish students to learn the nuances of the cyber world</p> <p>CO3-Exposure to cyber policy and preparedness mechanisms.</p> <p>CO4-Analysis the experience in trying out practical applications of cyber security.</p> <p>CO5-Justify personal security and information security management.</p> <p>CO6-Express confidentiality and intelligence</p>

BA/B.Sc. (STATISTICS)

Program Specific Outcome (PSO)

PSO1	Acquire a strong foundation in statistical theories, principles, and methodologies to analyze and interpret data in various real-world contexts
PSO2	Develop proficiency in collecting, organizing, and managing various types of data to ensure accuracy and integrity in statistical analysis.
PSO3	Enhance logical reasoning and critical thinking to identify patterns, solve problems, and draw valid conclusions from data.
PSO4	Acquire skills in using statistical software and computational tools to efficiently perform data analysis and visualization.

Course Outcomes(CO)

Course Code	Course Name	Outcome
STADC101	Descriptive Statistics & Probability Theory	<p>CO1- Identify the fundamental of descriptive statistics and probability theory.</p> <p>CO2- Explain the concept of descriptive statistics.</p> <p>CO3- Apply the knowledge of descriptive statistics in the analysis of data.</p> <p>CO4- Analysis the result of descriptive statistics</p>

		<p>CO5- Evaluate the result of descriptive statistics</p> <p>CO6- Develop the skill and ability to correctly analysis the data.</p>
STADL101	Labcoursebased onDC101	<p>CO1- Remember he skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practicals.</p> <p>CO6- Develop basic tools and techniques for performing experiment.</p>
STADC 102	Univariate Descriptive Statistics	<p>CO1- Identify the fundamental of descriptive statistics and probability theory.</p> <p>CO2- Explain the concept of descriptive statistics</p> <p>CO3- Apply the knowledge of descriptive statistics in the analysis of data.</p> <p>CO4- Analysis the result of descriptive statistics</p> <p>CO5- Evaluate the result of descriptive statistics</p> <p>CO6- Develop the skill and ability to correctly analysis the data.</p>
STADL102	Labcoursebased onDC102	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2-Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practicals.</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>

STAGE101	Statistical Methods- I	<p>CO1- Identify the fundamental of descriptive statistics and probability theory.</p> <p>CO2- Explain the concept of descriptive statistics</p> <p>CO3- Apply the knowledge of descriptive statistics in the analysis of data.</p> <p>CO4- Analysis the result of descriptive statistics</p> <p>CO5- Evaluate the result of descriptive statistics</p> <p>CO6- Develop the skill and ability to correctly analysis the data.</p>
STASC101	Sampling Theory	<p>CO1 Identify basic concepts of survey sampling, basic principles in sampling, simple random sampling, systematic sampling, stratified sampling.</p> <p>CO2 Explain basic concepts of analysis of variance and appropriately interpret the results of analysis of variance test.</p> <p>CO3 Apply the design of experiments and analyze the data they yield.</p> <p>CO4 Analysis Completely randomized design, Randomized block design, Latin square design. Factorial experiments with two levels.</p> <p>CO5 Evaluate different quantitative and qualitative statistical methods used in research.</p> <p>CO6 Develop critical thinking in order to construct the statistical test and use the appropriate statistical analysis in statistics research.</p>
STADC201	Probability Distribution	<p>CO1 Recognize the key probability concepts.</p> <p>CO2 Explain the basic of probability and its distribution</p> <p>CO3 Apply basic concepts of probability to self-analysis various probability distribution.</p> <p>CO4 Analyse various techniques for fitting the distribution</p> <p>CO5 Evaluate the probability concept and theories.</p> <p>CO6 Develop critical analytical abilities.</p>

STADL201	Lab course based on C201	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment.</p>
STADC202	Distribution Theory	<p>CO1- Recognize the key probability concepts.</p> <p>CO2- Explain the basic of probability and its distribution</p> <p>CO3- Apply basic concepts of probability to self-analysis various probability distribution.</p> <p>CO4- Analyse various techniques for fitting the distribution</p> <p>CO5- Evaluate the probability concept and theories.</p> <p>CO6- Develop critical analytical abilities.</p>
STADL202	Lab course based on DC202	<p>CO1 Remember the skill regarding analysis of data.</p> <p>CO2 Apply the concepts of statistics through experiments.</p> <p>CO3 Apply suitable technique for analysis data</p> <p>CO4 Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5 Evaluate the concepts of statistics through practical's</p> <p>CO6 Develop basic tools and techniques for performing experiment</p>
STAGE201	Statistical Methods –II	<p>CO1- Identify fundamental concepts of Point estimation. Properties of estimators and mean square error, Minimum variance unbiased estimators.</p> <p>CO2- Recognize the Large sample test, Use of central limit theorem to obtain large sample tests for binomial proportions and means of populations, etc., Related Confidence intervals.</p> <p>CO3- Apply the different methods of estimations. Estimating point estimators using, Different</p>

		<p>methods. Construction of confidence interval for parameters of different distributions.</p> <p>CO4- Analysis practical utility of various test of significance based on t, F and Chi square test.</p> <p>CO5- Evaluate the various tests based on hypothesis.</p> <p>CO6- Develop an understanding of the hypothesis in relation to the social world.</p>
STASC201	Data Analysis Using SPSS	<p>CO1- Identify the basic concepts of statistics and probability through practical on a computer by using excel.</p> <p>CO2- Explain the average; dispersion through practical's on a computer by using excel.</p> <p>CO3- Apply fitting of binomial, poison and normal distribution through Practicals on excel.</p> <p>CO4- Analyse data by using suitable statistical test.</p> <p>CO5- Evaluate the importance of data analysis.</p> <p>CO6- Develop the ways to improve the data analysis by using proper test.</p>
STADC301	Statistical Inference	<p>CO1 Identify fundamental concepts of Point estimation. Properties of estimators and mean square error, Minimum variance unbiased estimators.</p> <p>CO2 Recognize the Large sample test, Use of central limit theorem to obtain large sample tests for binomial proportions and means of populations, etc, Related Confidence intervals.</p> <p>CO3 Apply the different methods of estimations. Estimating point estimators using Different methods; Construction of confidence interval for parameter s of different distributions</p> <p>CO4 Analysis practical utility of various test of significance based on t, F and Chi square test.</p> <p>CO5 Evaluate the various tests based on hypothesis.</p> <p>CO6 Develop an understanding of the hypothesis in relation to the social world</p>

STADL301	Lab course based on DC301	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
STADC302	Theory of Estimation & Testing of Hypothesis	<p>CO1 Identify fundamental concepts of Point estimation. Properties of estimators and mean square error, Minimum variance unbiased estimators.</p> <p>CO2 Recognize the Large sample test, Use of central limit theorem to obtain large sample tests for binomial proportions and means of populations,etc., Related Confidence intervals.</p> <p>CO3 Apply the different methods of estimations; Estimating point estimators using Different methods; Construction of confidence interval for parameters of different distributions.</p> <p>CO4 Analysis practical utility of various test of significance based on t, F and Chi square test.</p> <p>CO5 Evaluate the various tests based on hypothesis.</p> <p>CO6 Develop an understanding of the hypothesis in relation to the social world</p>

STADL302	Lab course based on DC302	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
STAGE301	Network Analysis & Theory of Sequencing	<p>CO1- Identify the fundamentals of network Analysis.</p> <p>CO2- Explain the concepts of theory of sequencing.</p> <p>CO3- Apply the various strategies for solving travelling salesman problem.</p> <p>CO4- Analyse major issues of network analysis.</p> <p>CO5- Evaluate the importance of network analysis & theory of sequencing.</p> <p>CO6- Develop the ability and skill of effective network analysis.</p>
STASC301	Indian Official Statistics	<p>CO1- Identify the concepts of statistical system in India</p> <p>CO2- Explain the function of various statistical offices in India.</p> <p>CO3- Apply the concept of population census.</p> <p>CO4- Analysis the work of various offices like CSO, NSSO etc.</p> <p>CO5- Evaluate the different theoretical approaches of indian official statistics.</p> <p>CO6- Develop the critical thinking of official statistics.</p>

STADC401	Survey Sampling	<p>CO1 Identify basic concepts of survey sampling.</p> <p>CO2 Explain basic principles in sampling.</p> <p>CO3 Apply Simple random sampling.</p> <p>CO4 Analysis systematic sampling.</p> <p>CO5 Evaluate stratified sampling.</p> <p>CO6- Develop critical thinking in order to construct the techniques of sampling.</p>
STADL401	Lab course based on DC401	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment.</p>
STADC402	Sampling Distribution	<p>CO1 Identify basic concepts of survey sampling.</p> <p>CO2 Explain basic principles in sampling,</p> <p>CO3 Apply Simple random sampling.</p> <p>CO4 Analysis systematic sampling.</p> <p>CO5 Evaluate stratified sampling</p> <p>CO6- Develop critical thinking in order to construct the techniques of sampling.</p>
STADL402	Lab course based on DC402	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
STAGE401	Statistics Technique for Research Methods	<p>CO1 Identify the basic concepts meaning of research and types of research</p> <p>CO2 Describe to understand research problems selection and necessity of research problems.</p> <p>CO3 Apply the concepts of survey methodology and how to collect datacollection, processing data analysis and interpretations.</p>

		<p>CO4 Examine the questionnaire collect survey data and their analysis by using suitable statistical tools.</p> <p>CO5 Evaluate the research methods for analysis data.</p> <p>CO6- Develop the ability to use the research concepts.</p>
STASC401	Advanced Operation Research	<p>CO1- Identify the concepts of operation research.</p> <p>CO2- Describe the concept of linear programming and their procedure for obtaining the best results.</p> <p>CO3- Apply the concept of basic feasible solution and their different to find initial feasible solution</p> <p>CO4- Analysis between transportation and assignment problems as LPP.</p> <p>CO5- Evaluate the different theoretical approaches of operation research.</p> <p>CO6- Develop the thinking and skills of analysis.</p>
STADC501	Analysis of Variance and Design of Experiment	<p>CO1- Identify basic concepts of Anova and its utility.</p> <p>CO2- Explain basic concepts of analysis of variance and appropriately interpret the results of analysis of variance test.</p> <p>CO3- Apply the design of experiments and analyze the data they yield.</p> <p>CO4- Analysis Completely randomized design, Randomized block design, Latin square design. Factorial experiments with two levels</p> <p>CO5- Evaluate different quantitative and qualitative statistical methods used in research.</p> <p>CO6- Develop critical thinking in order to construct the statistical test and use the appropriate statistical analysis in statistics research.</p>
STADL501	Lab course based on DC501	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p>

		<p>CO6- Develop basic tools and techniques for performing experiment</p>
STADC502	Design & Analysis of Experiment	<p>CO1- Identify basic concepts of survey sampling, basic principles in sampling, Simple random sampling, systematic sampling, stratified sampling.</p> <p>CO2- Explain basic concepts of analysis of variance and appropriately interpret the results of analysis of variance test.</p> <p>CO3- Apply the design of experiments and analyze the data they yield.</p> <p>CO4- Analysis Completely randomized design, Randomized block design, Latin square design. Factorial experiments with two levels.</p> <p>CO5- Evaluate different quantitative and qualitative statistical methods used in research.</p> <p>CO6- Develop critical thinking in order to construct the statistical test and use the appropriate statistical analysis in statistics research.</p>
STADL502	Lab course based on DC502	<p>CO1 Remember the skill regarding analysis of data.</p> <p>CO2 Apply the concepts of statistics through experiments.</p> <p>CO3 Apply suitable technique for analysis data</p> <p>CO4 Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5 Evaluate the concepts of statistics through practical's</p> <p>CO6 Develop basic tools and techniques for performing experiment</p>
STADE501a	Applied Statistics	<p>CO Identify the basic concepts of vital statistics. Mortality rates, fertility rates and their measurements and have a basic idea about migration and population Projection.</p> <p>CO2 Explain the concepts of quality control different types of control charts. For variables and attributes and their construction</p>

		<p>CO3 Apply the concept Index numbers and their applications and have a clear Understanding about the different indices</p> <p>CO4 Analysis the concepts of time series, different models and measurement of trend and seasonal variations.</p> <p>CO5 Evaluate the important theoretical perspectives and methodological techniques in applied statistics.</p> <p>CO6 Develop an ability to identify the various analysis tools for data analysis.</p>
STADE501b	Statistical Quality Control	<p>CO1 Identify the basic concepts of statistical process control tools.</p> <p>CO2 Describe the various tools which are using to control quality.</p> <p>CO3 Apply the statistical product control tools and sampling inspection plan.</p> <p>CO4 Analyse and check whether the process in control or out of control by applying various control charts.</p> <p>CO5 Evaluate the work attitudes and their impact on quality control.</p> <p>CO6- Develop the ability & skill to perform statistical quality control.</p>
STAGE501	Understanding Probability and Statistics Through Practical's	<p>CO1- Identify the basic concepts of statistics and probability through practicals on a computer by using excel.</p> <p>CO2- Explain the concept of Fitting of Binomial, Poisson, Negative Binomial And normal distribution through practicals on a computer by using excel.</p> <p>CO3- Apply Chi-Square t and F distribution through practicals on excel.</p> <p>CO4- Analyse correlation coefficient through practicals on compute rby using excels.</p> <p>CO5- Evaluate the different methods and theories of probability</p> <p>CO6- Formulate the different strategies to deal with data analysis.</p>
STASC501	Data Analysis using Spreadsheet	<p>CO1- Identify the basic concepts of statistics and probability through practical on a computer by using</p>

		<p>excel.</p> <p>CO2- Explain the average; dispersion through practical's on a computer by using excel.</p> <p>CO3- Apply fitting of binomial, poisson and normal distribution through Practicals on excel.</p> <p>CO4- Analyse data by using suitable statistical test.</p> <p>CO5- Evaluate the importance of data analysis.</p> <p>CO6- Develop the ways to improve the data analysis by using proper test.</p>
STADC601	Demography and vital statistics	<p>CO1 Identify the basic concepts of vital statistics. Mortality rates, fertility rates and their measurements. Have a basic idea about migration and population projection.</p> <p>CO2 Describe the various measures of mortality and fertility and their practical Utility in different fields.</p> <p>CO3 Apply the concepts of life table, their constructions, uses of time table and their utility for the society.</p> <p>CO4 Analysis between gross reproduction and net reproduction rate.</p> <p>CO5 Summarize the fertility and mortality with its measures.</p> <p>CO6 Develop the abilities and skills to identify data related to life table.</p>
STADL601	Lab course based on DC601	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>

STADC602	vital statistics	<p>CO1- Identify the basic concepts of vital statistics. Mortality rates, fertility rates and their measurements and have a basic idea about migration and population projection.</p> <p>CO2- Describe the various measures of mortality and fertility and their practical Utility in different fields.</p> <p>CO3- Apply the concepts of life table, their constructions, uses of time table and their utility for the society.</p> <p>CO4- Analysis between gross reproduction and net reproduction rate.</p> <p>CO5- Summarize the fertility and mortality with its measures.</p> <p>CO6- Develop the abilities and skills to identify data related to life table.</p>
STADL602	Lab course based on DC602	<p>CO1 Remember the skill regarding analysis of data.</p> <p>CO2 Apply the concepts of statistics through experiments.</p> <p>CO3 Apply suitable technique for analysis data</p> <p>CO4 Differentiate Quantitative and Qualitative data through practical's.</p> <p>CO5 Evaluate the concepts of statistics through practical's</p> <p>CO6 Develop basic tools and techniques for performing experiment</p>
STADE601a	Time Series Analysis	<p>CO1- Identify the concepts of time series, the different models, measurement of trend and seasonal variations.</p> <p>CO2- Describe the fitting a various mathematical curve and growth curve.</p> <p>CO3- Apply method of moving average and estimation of seasonal component by method of simple averages.</p> <p>CO4- Analysis the process of moving average and autoregressive process of order one and two.</p> <p>CO5- Evaluate the approaches and various techniques used in time series analysis.</p> <p>CO6- Develop the different components of times series.</p>

STADE601b	Non Parametric Methods	<p>CO1- Identify the basic concept and importance of nonparametric methods.</p> <p>CO2- Describe the concept of empirical distribution function and Kolmogorov, Goodness of fit test.</p> <p>CO3- Apply parametric and non-parametric test.</p> <p>CO4- Examine testing of hypothesis using non-parametric test like sign test, mann- Whitney test etc and ability to use them carefully for the testing of Given data.</p> <p>CO5- Evaluate the various methods in non-parametric.</p> <p>CO6- Write a difference between parametric & non parametric methods.</p>
STAGE601	Operation Research	<p>CO1- Identify the basic concepts of Operation research, Formulation of a linear; Programming problem, Obtain graphical solutions to a linear programming problem.</p> <p>CO2- Describe the concept of linear programming and their procedure for obtaining the best results.</p> <p>CO3- Apply the concept of basic feasible solution and their different to find Initial feasible solution.</p> <p>CO4- Examine transportation and assignment problems as LPP.</p> <p>CO5- Evaluate the approaches and various techniques used in operation research.</p> <p>CO6- Develop the qualities and attributes required in research.</p>
STASC601	Queuing Theory	<p>CO1 Identify the basic concepts of Operation research, Formulation of a linear programming problem, Obtain graphical solutions to a linear programming problem.</p> <p>CO2 Explain the concept of linear programming and their procedure for obtaining the best results.</p> <p>CO3 Apply the concept of basic feasible solution and their different to find initial feasible solution</p> <p>CO4 Analysis between transportation and assignment problems as LPP, solve transportation and assignment problems using different methods.</p> <p>CO5 Evaluate the different theoretical approaches of operation research.</p> <p>CO6 Develop the critical thinking and skills for solving probes based on operation research.</p>

B.A. DRAWING & PAINTING

Program Specific Outcome (PSOs):

PSO 1	Examine the major psychological concepts, approaches & theoretical views in social as well as abnormal psychology, organizational behaviour, life span development and counselling along with the conceptual knowledge and applicability of research methodology in psychology.
PSO2	Acquire the skills necessary to deal with the issues that people encounter throughout their lives and raise awareness of the myths and misconceptions that exist in society around those who struggle with psychological issues.
PSO3	Conduct basic experiments and apply psychological concepts to diverse areas of life with the evolving developments in psychology.
PSO4	Test the diverse concepts in a laboratory setting, and receive hands-on experience with test administration, scoring, and interpretation of the results.

Course Outcomes

Course code	Course Name	Outcome
DRADC 101	Fundamentals Of Visual Art	CO1- Recognize basic Elements of Painting & creative Principle of Drawing & Painting. CO2- Describe the Fundamentals of Visual Art concept, Classification of Visual Art. CO3- Understand fundamental and society in the Visual Art. CO4- Co-relate art, nature and society in the Visual Art. CO5- Communicate through art works for the Visual Art CO6- Develop the critical thinking and skills.
DRADL101	Still Life	CO1- Memorize the concepts of Still life. CO2- Explain the difference shape and showing light and shade . CO3- Apply the knowledge of the object study in the natural colour. CO4 - Analyse concepts and the application of various material and aesthetic values CO5- Evaluate the importance of objects study (still life). CO6- Develop control over the uses of 2-Dimensional and 3-Dimension drawing and design.
DRADC102	Elements of Painting	CO1- Identify the concepts and measurement of Elements. CO2- Explain the elements of painting related comparisons in various domains.

		<p>CO3- Demonstrate the knowledge to minimize the elements of painting.</p> <p>CO4- Examine the concept related to elements differences in Art context</p> <p>CO5 - Evaluate various theoretical perspectives of elements of painting differences.</p> <p>CO6 - Develop ability of elements in Art.</p>
DRADL102	Copy From Old Masters	<p>CO1 - Memorize the concepts of Old Master</p> <p>CO2- Explain the difference shape and showing light and shade .</p> <p>CO3- Apply the knowledge of the object study in the natural colour.</p> <p>CO4- Analyse concepts and the application of various material and aesthetic values</p> <p>CO5- Evaluate the importance of Old Master</p> <p>CO6- Develop control over the uses of 2-Dimensional and 3-Dimension drawing and design</p>
DRASC101	Media & Techniques01	<p>CO1- Recognize the key of Drawing Technique concepts.</p> <p>CO2- Explain the importance of Media & Techniques.</p> <p>CO3- Apply knowledge in the use of different media and techniques.</p> <p>CO4- Analyse the formal, technical, stylistic, compositional, characteristics of media work of art.</p> <p>CO5- Explore and develop personal concepts regarding media and techniques .</p> <p>CO6- Develop basic design thinking and communication skills.</p>
DRAGE101	Introduction Of Folk Art	<p>CO1- Recognize the impact of professional artistic societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.</p> <p>CO2- Describe indigenous cultural tradition of folk art.</p> <p>CO3- Apply the various methods of painting and the ancient culture tradition of folk art in India.</p> <p>CO4- Analyse the specific qualities of the medium to explore the possibilities of the medium for creative experimentation environmental, folk art;</p> <p>CO5- Evaluate the social environmental, cultural and</p>

		<p>historical contributions and dimensions of the art.</p> <p>CO6- Develop the ability & technical skill to create folk Indian art.</p>
DRADC201	Principle Of Painting	<p>CO1- Identify the basics of technical drawing.</p> <p>CO2- Explain the concept of Technical drawing.</p> <p>CO3- Apply technical training teaches the skills needed to design, develop, implement, maintain, support or operate a particular related application.</p> <p>CO4- Examine the knowledge,skills,the application of the knowledge and the skills the learner has acquired.</p> <p>CO5- Evaluate the approaches and various techniques used in technical drawing.</p> <p>CO6- Develop the qualities o essential for communicating ideas in industry and engineering.</p>
DRADL201	Free Hand Drawing	<p>CO1- Memorize the concepts of Freehand Drawing.</p> <p>CO2- Explain concept of Freehand painting.</p> <p>CO3- Apply the knowledge of Freehand techniques.</p> <p>CO4- Analyse the possibilities of sketches in Freehand drawing</p> <p>CO5- Evaluate the importance of Freehand drawing making</p> <p>CO6- Develop the skill regarding proportion and coordination and enhance main skill.</p>
DRADC 202	Pre- historic of Ajanta Art	<p>CO1- Recognize the fundamentals of applied social psychology.</p> <p>CO2- Explain and discuss the various concepts of applied social psychology.</p> <p>CO3- Apply the concepts of social psychology to past and present global, national, and local circumstances.</p> <p>CO4- Analyse the different concepts of applied social psychology.</p> <p>CO5- Evaluate the importance of intervention programmes in social psychology</p> <p>CO6- Develop the understanding of applications of social psychology to various domains of life..</p>
DRADL202	Creative Composition	<p>CO1- Memorize the concepts of creative composition.</p>

		<p>CO2- Explain the concept of line and colour in composition.</p> <p>CO3- Apply the knowledge of colour in creative composition.</p> <p>CO4- Analyse and interpret the interaction between figure and shapes in composition</p> <p>CO5- Evaluate the importance of line and colour in creative composition.</p> <p>CO6- Develop the skill regarding composition.</p>
DRASC201	Media & Techniques02	<p>CO1- Identify the basic structure of leadership.</p> <p>CO2- Explain the basic skills of effective leadership.</p> <p>CO3- Apply the various strategies for making effective decisions</p> <p>CO4- Analyse the importance of effective leadership.</p> <p>CO5- Evaluate the theories of leadership.</p> <p>CO6- Develop the ability and skills of effective leader.</p>
DRAGE201	Indian Folk Art	<p>CO1- Identify the nature of inter-group relations.</p> <p>CO2- Explain the concepts and conflicts of inter-group relations</p> <p>CO3- Apply the various strategies for resolving inter-group conflicts.</p> <p>CO4- Analyse the importance of healthy inter-group relations for the society.</p> <p>CO5- Evaluate the theories and concepts of inter-group relations.</p> <p>CO6- Develop the ability to promote inter-group cooperation</p>

DRADC301	Folk Visual Art Of India	<p>CO1- Recognize the impact of professional artistic societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.</p> <p>CO2- Describe indigenous cultural tradition of folk art.</p> <p>CO3- Apply the various methods of painting and the ancient culture tradition of folk art in India</p> <p>CO4- Analyse the specific qualities of the medium to explore the possibilities of the medium for creative experimentation environmental, folk art;</p> <p>CO5- Evaluate the social environmental, cultural and historical contributions and dimensions of the art.</p> <p>CO6- Develop the ability & technical skill to create folk</p>
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		Indian art.
DRADL301	Still Life(Monochrome)	<p>CO1- Memorize the concepts of Still life.</p> <p>CO2- Explain the difference shape and showing light and shade .</p> <p>CO3- Apply the knowledge of the object study in the natural colour</p> <p>CO4- Analyse concepts and the application of various material and aesthetic values</p> <p>CO5- Evaluate the importance of objects study(still life).</p> <p>CO6- Develop control over the uses of 2-Dimensional and 3-Dimension drawing and design.</p>
DRADC302	History Of Indian Painting	<p>CO1- Recognize the history of Indian painting.</p> <p>CO2- Explain and discuss the various concepts of Pre-historic art</p> <p>CO3- Apply ability to link theory with creative practices.</p> <p>CO4- Analyse various Indian artist and their contribution in Indian art scenario.</p> <p>CO5- Evaluate the history of Indian paintings.</p> <p>CO6- Develop an understand the theory different era of Indian Painting and its relation with art practicies.</p>
DRASC301	Media & Techniques03	<p>CO1- Explain the concepts of Media and Techniques.</p> <p>CO2- Apply the various strategies of techniques</p> <p>CO3- Analyse major issues of media & techniques.</p> <p>CO4- Evaluate the importance of colour in painting.</p> <p>CO5- Develop the ability and skill of effective media techniques.</p>
DRAGE301	Elements Of Painting	<p>CO1- Identify the concepts and measurement of Elements.</p> <p>CO2- Explain the elements of painting related comparisons in various domains</p> <p>CO3- Demonstrate the knowledge to minimize the elements of painting.</p> <p>CO4- Examine the concept related to elements differences in Art context</p> <p>CO5- Evaluate various theoretical perspectives of elements of painting differences.</p> <p>CO6- Develop ability of elements in Art.</p>
DRADL 302	Poster Making	<p>CO1- Memorize the concepts of Poster Making.</p>

		<p>CO2- Explain the concept and title of Poster Making .</p> <p>CO3- Apply knowledge in the different way to convey the message of Poster.</p> <p>CO4- Analyse the topic and encourage the audience by your poster.</p> <p>CO5- Evaluate the importance of the main message .</p> <p>CO6- Develop the way of different type of ways of presentation</p>
DRASC301	Media & Techniques03	<p>CO1- Explain the concepts of Media and Techniques.</p> <p>CO2- Apply the various strategies of techniques.</p> <p>CO3- Analyse major issues of media & techniques.</p> <p>CO4- Evaluate the importance of colour in painting.</p> <p>CO5- Develop the ability and skill of effective media techniques.</p> <p>CO6- Develop ability of elements in Art.</p>
DRADL 302	Poster Making	<p>CO1- Memorize the concepts of Poster Making.</p> <p>CO2- Explain the concept and title of Poster Making .</p> <p>CO3- Apply knowledge in the different way to convey the message of Poster.</p> <p>CO4- Analyse the topic and encourage the audience by your poster.</p> <p>CO5- Evaluate the importance of the main message .</p> <p>CO6- Develop the way of different type of ways of presentation</p>
DRASC301	Media & Techniques03	<p>CO1- Explain the concepts of Media and Techniques.</p> <p>CO2- Apply the various strategies of techniques.</p> <p>CO3- Analyse major issues of media & techniques.</p> <p>CO4- Evaluate the importance of colour in painting.</p> <p>CO5- Develop the ability and skill of effective media techniques.</p>
DRADL 302	Poster Making	<p>CO1- Memorize the concepts of Poster Making.</p> <p>CO2- Explain the concept and title of Poster Making .</p> <p>CO3- Apply knowledge in the different way to convey the message of Poster.</p> <p>CO4- Analyse the topic and encourage the audience by your poster.</p> <p>CO5- Evaluate the importance of the main message .</p>

		CO6- Develop the way of different type of ways of presentation
DRASC301	Media & Techniques03	CO1- Explain the concepts of Media and Techniques. CO2- Apply the various strategies of techniques. CO3- Analyse major issues of media & techniques. CO4- Evaluate the importance of colour in painting. CO5- Develop the ability and skill of effective media techniques.

DRADC 401	Modern & Contemporary Indian Painting	CO1- Identify the basic concepts of modern & contemporary Indian painting. CO2- Explain modern and contemporary Indian painting. CO3- Apply appropriate technique of modern painting CO4- Analyse different techniques of contemporary painting. CO5- Evaluate different between modern and Indian painting. CO6- Develop critical thinking in order to construct the contemporary painting.
DRADL 401	Head Study Painting DC401	CO1- Memorize the concepts of Head study.. CO2- Explain the concept of head study. CO3- Apply knowledge in the different expression in head study . CO4- Analyse the possibilities of sketches in the head study. CO5- Evaluate the importance of head study making. CO6- Develop the skill regarding eye and hand coordination.
DRADC 402	Basic Introduction of new trends in Modern Indian Painting	CO1- Identify the basic concepts of modern & contemporary Indian painting. CO2- Explain modern and contemporary Indian painting. CO3- Apply appropriate technique of modern painting. CO4- Analyse different techniques of contemporary painting. CO5- Evaluate different between modern and Indian painting. CO6- Develop critical thinking in order to construct the contemporary painting.
DRADL 402	Creative Rendering	CO1 - Memorize the concepts of Creative Rendering.. CO2- Explain the concept of Creative Rendering CO3- Apply knowledge in the different topics of Creative Rendering. CO4- Analyse the possibilities of beautiful utilization of colors.

		<p>CO5- Evaluate the importance of impart an image.</p> <p>CO6- Develop the skill of rendering an image.</p>
DRASC 401	Media & Techniques04	<p>CO1- Recognize the key of Drawing Technique concepts.</p> <p>CO2- Explain the importance of Media & Techniques.</p> <p>CO3- Apply knowledge in the use of different media and techniques.</p> <p>CO4- Analyse the formal, technical, stylistic, compositional, characteristics of media work of art.</p> <p>CO5- Explore and develop personal concepts regarding media and techniques .</p> <p>CO6- Develop basic design thinking and communication skills.</p>
DRAGE 401	Principles of Painting	<p>CO1- Identify the basics of technical drawing.</p> <p>CO2- Explain the concept of Technical drawing.</p> <p>CO3- Apply technical training teaches the skills needed to design, develop, implement, maintain, support or operate a particular related application.</p> <p>CO4- Examine the knowledge,skills,the application of the knowledge and the skills the learner has acquired.</p> <p>CO5- Evaluate the approaches and various techniques used in technical drawing.</p> <p>CO6- Develop the qualities o essential for communicating ideas in industry and engineering.</p>

DRADC501	Folk Visual Art Of India - 2	<p>CO1- Recognize the impact of professional artistic societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.</p> <p>CO2- Describe indigenous cultural tradition of folk art.</p> <p>CO3- Apply the various methods of painting and the ancient culture tradition of folk art in India.</p> <p>CO4- Analyse the specific qualities of the medium to explore the possibilities of the medium for creative experimentation environmental, folk art;</p> <p>CO5- Evaluate the social environmental, cultural and historical contributions and dimensions of the art.</p> <p>CO6- Develop the ability & technical skill to create folk Indian art.</p>
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DRADL501	Thematic Composition	<p>CO1- Identify the fundamental of drawing and move beyond the fundamental concepts.</p> <p>CO2- Explain the endless possibilities of different media in field of composition</p> <p>CO3- Apply the understanding critical theories and their used in composition.</p> <p>CO4- nalyze the different sketches (indoor and outdoor), exploration of possibilities and limitations of various media in the composition.</p> <p>CO5- Evaluate the important of realistic and abstract subject matter in composition.</p> <p>CO6- Develop observational skill regarding time, space, form, perspective and colour in composition.</p>
DRADC502	Brief History of Print Making	<p>CO1- Identify the basics of print making.</p> <p>CO2- Explain the concept of Print making.</p> <p>CO3- Apply technical training teaches the skills needed to design, develop, implement, maintain, support or operate a particular related application.</p> <p>CO4- Examine the knowledge, skills,the application of the knowledge and the skills the learner has acquired.</p> <p>CO5- Evaluate the approaches and various techniques used in print making.</p> <p>CO6- Develop the qualities o essential for communicating ideas in industry and engineering.</p>
DRADL502	Landscape	<p>CO1- Memorize the concepts of Landscape through practicals.</p> <p>CO2- Explain the landscape concept related with the practical.</p> <p>CO3- Apply the knowledge of Creative concepts through experiments of landscape.</p> <p>CO4- Analyse and interpret the results of the plant selection and activity location.</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6- Develop the observational skill regarding environment and user.</p>
DRAGE501	Fundamental Of Visual Art	<p>CO1- Recognize basic Elements of Painting & creative Principle of Drawing & Painting.</p> <p>CO2- Describe the Fundamentals of Visual Art concept,</p>

		<p>Classification of Visual Art.</p> <p>C03- Understand fundamental and society in the Visual Art.</p> <p>C04- Co-relate art, nature and society in the Visual Art.</p> <p>C05- Communicate through art works for the Visual Art.</p> <p>C06- Develop the critical thinking and skills.</p>
DRASC501	Media & Techniques05	<p>C01- Recognize the fundamentals media & techniques.</p> <p>C02- Explain the concepts of Media and Techniques.</p> <p>C03- Analyze the specific qualities of the medium to explore the possibilities of the medium for creative experimentation media.</p> <p>C04- Administer of the technical aspects of all process covered.</p> <p>C05- Evaluate the use of appropriate medium and technique specialization relate concept of art.</p> <p>C06- .Develop the ability and skill of effective media techniques.</p>
DRADE501 (b)	Elements Of Painting	<p>C01- Identify the concepts and measurement of Elements</p> <p>C02- Explain the elements of painting related comparisons in various domains.</p> <p>C03- Demonstrate the knowledge to minimize the elements of painting.</p> <p>C04- Examine the concept related to elements differences in Art context</p> <p>C05- Evaluate various theoretical perspectives of elements of painting differences.</p> <p>C06- Develop ability of elements in Art.</p>
DRADC601	Print Making	<p>C01- Identify the basics of print making.</p> <p>C02- Explain the concept of Print making.</p> <p>C03- Apply technical training teaches the skills needed to design, develop, implement, maintain, support or operate a particular related application.</p> <p>C04- Examine the knowledge,skills,the application of the knowledge and the skills the learner has acquired.</p> <p>C05- Evaluate the approaches and various techniques used in print making.</p> <p>C06- Develop the qualities o essential for communicating</p>

		ideas in industry and engineering.
DRADL601	Composition	<p>CO1- Memorize the concepts of creative composition.</p> <p>CO2- Explain the concept of line and colour in composition.</p> <p>CO3- Apply the knowledge of colour in creative composition.</p> <p>CO4- Analyse and interpret the interaction between figure and shapes in composition.</p> <p>CO5- Evaluate the importance of line and colour in creative composition.</p> <p>CO6- Develop the skill regarding composition.</p>
DRAGE601	Elements Of Painting -2	<p>CO1- Identify the concepts and measurement of Elements.</p> <p>CO2- Explain the elements of painting related comparisons in various domains</p> <p>CO3- Demonstrate the knowledge to minimize the elements of painting.</p> <p>CO4- Examine the concept related to elements differences in Art context</p> <p>CO5- Evaluate various theoretical perspectives of elements of painting differences.</p> <p>CO6- Develop ability of elements in Art.</p>
DRASC601	Media & Techniques-06	<p>CO1- Recognize the main symptoms and sources of Media & techniques.</p> <p>CO2- Explain the models & theories of Media & Techniques.</p> <p>CO3- Apply the different strategies and techniques of managing and coping with . Media & Techniques</p> <p>CO4- Analyse the effect of Media in Art.</p> <p>CO5- Evaluate the different models and theories of Media & Techniques</p> <p>CO6- Formulate the strategies to deal with Techniques.</p>

B.A. History

Program Specific Outcomes (PSO)

PSO1	Comprehensively understand the History of India as well as of the World for a comparative understanding and possible link between them.
PSO2	Get quality education in History for properly analyzing historical process in order to develop qualified professionals in the discipline of History.
PSO3	Learn to identify the contributions of great men and women through movements and

	revolutions for better modern age of governance and administration.
PSO4	Acquaint with the basics of history and the course of historical development at regional and national level.

Course Outcomes (CO)

Course Code	Course Name	Course Code
HISDC101	Political history of India from pre historic times to 300 CE.	<p>CO1- Clear idea about the history of early India and the sources and tools to reconstruct Ancient Indian History with different interpretation.</p> <p>CO2- Understand the development of Harappan Civilization</p> <p>CO3- Learn about the Vedic civilization, condition of India in the sixth century B.C. and what led to the rise of Magadha among the sixteen Mahajanapadas.</p> <p>CO4- Gather information about the Mauryan empire, rise of protest in India, different foreign invasions like Indo- Greeks, Sakas: Parthians, Kushanas,</p> <p>CO5- Analysis of the age of Satvahanas, Sangam literature and three early Kingdoms of South.</p> <p>CO6- Establishing a framework for the political and social evolution in ancient India</p>
HISDC102	Growth of Colonialism in the World: 15 th to 19 th Centuries.	<p>CO1- Acquire an integrated approach to the study of economic, social, political and cultural developments in Europe</p> <p>CO2- Understand the process of colonialism.</p> <p>CO3- Explain the processes by which major transitions unfolded in Europe economy, state</p> <p>CO4- Understand social structure and cultural life of Europe</p> <p>CO5- Examine elements of early modernity in these spheres.</p>

		CO6- Critically analyze linkages between Europe's state system and trade and empire.
HISSC101	Indian Heritage & Culture	<p>CO1- Know concerning Environment; Culture, Tradition & Practices:</p> <p>CO2- Discuss about historical overview, Oral & codified data on meditative Plants</p> <p>CO3- Understand Indian society & Urbanization & how Urbanism can return</p> <p>CO4- Learn about Social difference & Gender:</p> <p>CO5- India Cultural Heritage, Main components.</p> <p>CO6- Cultural Forms & Cultural Expression</p>
HISGE101	Orality and Oral Culture in India	<p>CO1- Learn about orality by its definition and the important in history and historiography of orality.</p> <p>CO2- They will aware how to search historical documents from oral history which spread in the human society.</p> <p>CO3- Study of oral traditions, memory and social mnemonics, making of cultural memory and historical traditions.</p> <p>CO4- They will acquire knowledge towards the documentation of any research work</p> <p>CO5- Student is expected to understand the various dimensions of orality and the relationships between orality, memory and history.</p> <p>CO6- Analyze your local oral culture & values</p>
HISDC201	Political history of India from 300 to 1206AD.	<p>CO1- Finding the rise and development of several Kingdoms in various parts of India from 300 and 1206.</p> <p>CO2- To learn about administration, society and economy during the reign of Guptas, Harsha in the North India and Kingdoms of South.</p> <p>CO3- To study the formation of Rajputana states in Northern India,</p> <p>CO4- Organizing the events that led to the foundation of the Indian Sultanate and the Arab conquest of Sind.</p>

		<p>CO5- With allusions to the Pallavas and Chalukyas, the paper also examines the modifications. Conflict between the three powers Rastrakutas, Pala, and Pratiharas in a triangular fashion</p> <p>CO6- Expanding our understanding of the historical dynamics of numerous Indian kingdoms between 300 and 1206.</p>
HISDC202	Evolution of Capitalism in Europe: C. 16th century to early 20 Century	<p>CO1- Learn political and economical structure of Feudal society in 15th century and its crisis in 18th century</p> <p>CO2- The nature of Feudal Society, regional variation, crisis in Feudalism and transition debate.</p> <p>CO3- Acquire knowledge about the rise of renaissance in Europe after downfall of feudal Society in Europe and also be learn how the European Society transformed from Feudalism to Capitalism.</p> <p>CO4- Predicting the Industrial Revolution, European Industrial Revolution Stages</p> <p>CO5- Understanding the Impact of Capitalism on European society</p> <p>CO6- Critique of the Impact of the Industrial Revolution on European Politics, and Economy.</p>
HISSC201	Ecology and Environment in History	<p>CO1- Extremely helpful in making a needed awareness regarding the environmental issues and protection of our environment</p> <p>CO2- Identify that how the environment influences the human affairs and how it gets shaped by them.</p> <p>CO3- More sensitive and responsible regarding the future of our planet.</p> <p>CO4- Assess ancient India's environmental consciousness and conservation efforts using spiritual literature, historical evidences, and</p>

		<p>events.</p> <p>CO5- Explore historical information from ancient India to present times in order to apply it to environmental awareness.</p> <p>CO6- Prepare a report about environmental movements in independent India.</p>
HISGE201	Women Studies in India	<p>CO1- The basic Concepts & Theories of women studies as well as defining gender, ideology, practice and relationship between gender, caste, class religion & politics.</p> <p>CO2- Acquire knowledge about the emergence of women studies in India from 1980 to till that.</p> <p>CO3- The contribution of women towards the society through political, social and religious fields.</p> <p>CO4- The violence against the women and government preventive laws for their save.</p> <p>CO5- Understand that the government became active for the development of women empowerment by introducing new rules and regulations which also are learnt by history student</p> <p>CO6- Women studies in India are developing creative thinking.</p>
HISDC301	Political history of India from 1206 to 1707 AD	<p>CO1- Know about the foundation, expansion and consolidation of the Delhi Sultanate.</p> <p>CO2- Summarize the political, governmental, and economic changes made during the Delhi Sultanate (Khiljis and Tughlaqs.)</p> <p>CO3- Better understand of how the Mughal state developed and expanded in the 16th and 17th centuries.</p> <p>CO4- Understand the governmental system, economy and society of the Mughals.</p>

		<p>CO5- Learn about the regional dynasties like Bahamanis and Vijayanagar and emergence of Maratha power</p> <p>CO6- Adapt every setting and historical context from 1206 to 1707 for the History of India</p>
HISDC302	Political History of Modern Europe: 15 th -18 th Century	<p>CO1- Learn about the evolution and impact of the French revolution, out the revolution of 1830 and 1848, about unification of Italy and Germany.</p> <p>CO2- Gain knowledge about the Napoleonic era</p> <p>CO3- Learn about the unification of Italy and Germany</p> <p>CO4- Understand the causes, course and impact of I World War</p> <p>CO5- Understand Fascism and Nazism, the origin of second world war</p> <p>CO6- Create outline of the political history of modern Europe</p>
HISSC301	Historical Tourism: Theory & Practice	<p>CO1- Learn about heritage and understand the built heritage like Stupa architecture, temple architecture, Indo- Persian architecture.</p> <p>CO2- Learn the architectural features of Colonial construction</p> <p>CO3- They will learn about modalities of conducting historical tourism and visit to historical sites and museums.</p> <p>CO4- Gather knowledge about the heritage through field survey and conducting research.</p> <p>CO5- Analyze Historical Tourism in Uttarakhand-based Perspective.</p> <p>CO6- Create awareness of our culture and its values</p>
HISGE301	Women in Politics and Governance	<p>CO1- Understand the theoretical perspectives on Politics and Governance</p> <p>CO2- Learn about the condition of women in pre-colonial period</p> <p>CO3- Learn about the contribution of women towards the society through the ages.</p> <p>CO4- The violence against the women and government</p>

		<p>preventive laws for their save.</p> <p>CO5- Understand the electoral politics in women context</p> <p>CO6- Study the participation of women at different electoral levels.</p>
HISDC401	Political history of 1707 to 1950 AD	<p>CO1- Study the character of 18th century and study the history of consolidation of colonial power in India</p> <p>CO2- Review the major political, social, economic changes pertaining to 18th century.</p> <p>CO3- Learn the history of popular resistance movements and assess the significance of many voices of the protest.</p> <p>CO4- Identify the varied trends in the emergence of nationalism in colonial India with focus on Gandhian nationalism.</p> <p>CO5- Learn the growth of communalism and the road to partition of India.</p> <p>CO6- Examine every segment of Indian history from 1707 to 1950.</p>
HISDC402	National Movements in 20th Century World.	<p>CO1- Learn about some national freedom movements.</p> <p>CO2- Analyze global political forces affecting the decolonization process.</p> <p>CO3- Discuss relationships of dependency and inequality in the post- colonial world</p> <p>CO4- Identify some of the problems of national development and some proposed solutions.</p> <p>CO5- Examine how dependency and inequality are related in the post-colonial world.</p> <p>CO6- Understand comprehensive, enduring national liberation movements for the twenty-first century</p>
HISSC401	Museums and Archives in India	<p>CO1- Understand the definitions of museums and archives.</p> <p>CO2- Learn about the history of setting up of museums and archives and follow some case studies.</p> <p>CO3- To undertake collection, documentation,</p>

		<p>exhibition, and conservation of rare objects and undertake field work in their college and localities.</p> <p>CO4- Undertake educational tours to archives and museums.</p> <p>CO 5- Analyze the significance of Indian museums and archives.</p> <p>CO6- Create employment in the field of museum and archives</p>
HISGE401	Gender and Education in India	<p>CO1- Identify Key Concepts and Terminology of Gender</p> <p>CO2- Describe Gender Studies – the Indian Scenario</p> <p>CO3- Describe Gender Studies as a Discipline</p> <p>CO4- Classify Indian Societies through Gender Perspective</p> <p>CO5- Understand the trends in female literacy in post-colonial period.</p> <p>CO6- Learn the relation between education and empowerment.</p>
HISDC501	Cultural history of Ancient India.	<p>CO1- Learn about the evolution of Culture in Indian Sub-continent</p> <p>CO2- Understand the pre-historic and proto-historical cultures</p> <p>CO3- Understand the spread and decline of Buddhism and Jainism in India.</p> <p>CO4- Learn the nature of cultural changes in Ancient India</p> <p>CO5- Gather knowledge about the cultural transformation during Mauryan and post-Mauryan periods.</p> <p>CO6- Learn about the development of art and architecture in the Gupta age.</p>
HISDC502	State Formation in Uttarakhand.	<p>CO1- Examine the early history of Uttarakhand.</p> <p>CO2- Understand the structure the State Formation in Uttarakhand,</p> <p>CO3- Gather knowledge about Panwar Dynasty in Garhwal and Chand Dynasty in Kumaun and their</p>

		<p>administrative set up.</p> <p>CO4- Learn about the major tribal groups in Uttarakhand.</p> <p>CO5- Examine the nature of political relations between the rulers of Uttarakhand and other neighboring states</p> <p>CO6- Make an estimate of the relations of Uttarakhand with other contemporary political powers.</p>
HISDE501	Society & Economy of Modern Europe: 15th - 18 Century	<p>CO1- Historiographical trends and the main strands of the feudal crisis. They will also have an idea about the origin, spread and features of Renaissance, reformation and its nature and impact.</p> <p>CO2- Know about the colonization, its motives, mining and plantation of African slaves, the economic development during the 16th century</p> <p>CO3- Learn about the transition from Feudalism to capitalism and the industrial revolution in England.</p> <p>CO4- Gain knowledge about the reasons for the shift of economic balance from the Mediterranean to the Atlantic</p> <p>CO5- They will discover how to revive the Renaissance in Europe after the fall of the feudal society in Europe, as well as how European society transitioned from feudalism to capitalism.</p> <p>CO6- Produce written work on ideological, humanistic and secular aspects of any of the modern world revolutions</p>
HISSC501	Ethnographic Practices in India: Tradition of Embroidery, Textile making, Knitting, Handicrafts	<p>CO1- Understand the ethnographic practices of India from earliest times to colonial period.</p> <p>CO2- The practices of contemporary northern to southern and eastern to western parts of contemporary India.</p> <p>CO3- They will be proficient in historical knowledge about the Indian traditions like, tradition of embroidery, textile making, knitting and</p>

		<p>handicrafts.</p> <p>CO4- Gather knowledge through Practitioners & Issues of sustenance, Codification of Information and Relationship between market & Conservation through field work</p> <p>CO5- Gather knowledge through Practitioners & Issues of sustenance, Codification of Information and Relationship between market & Conservation through field work</p> <p>CO6- Using a historical perspective to comprehend condition ethnographic techniques in India's needlework and textile traditions</p>
HISGE501	History of Indian Journalism: Colonial and Post-Colonial period	<p>CO1- Acquire knowledge towards the history of Indian journalism from colonial to post-colonial period through this paper.</p> <p>CO2- Understand about important of the documents either written or oral & aware towards the advent of print media and culture in India.</p> <p>CO3- Know about how the journalism influenced the Indians towards the freedom.</p> <p>CO4- They will gather knowledge how to preserve document and writing pattern of any article</p> <p>CO5- Analyse the role of the media in society.</p> <p>CO6- Create an outline of the History of Indian Journalism in Colonial & Post Colonial Period</p>
HISDC601	Cultural history of medieval India.	<p>CO1- Learn about the cultural development in medieval India.</p> <p>CO2- Acquire knowledge about art and architecture of Delhi Sultanate.</p> <p>CO3- Acquire knowledge about the social conditions of India in the medieval period.</p> <p>CO4- Understand the religious reform movements in Islam and Hinduism</p> <p>CO5- Understand the development of art and architecture in Mughal and other contemporary kingdoms</p> <p>CO6- Gather knowledge about cultural synthesis</p>

		during the medieval India.
HISDC602	Cultural history of Uttarakhand.	<p>CO1- Examine the modern history of Uttarakhand.</p> <p>CO2- Learn about the Gorkha invasion and its impact on the people of Uttarakhand</p> <p>CO3- British management in Uttarakhand-Land sales and education.</p> <p>CO4- Learn about Political Awakening and National Movement in Uttarakhand.</p> <p>CO5- Measuring contribution and getting knowledge about Tehri Garhwal's political, social, and cultural records of the Princely State.</p> <p>CO6- Making an outline for the history of Uttarakhand.</p>
HISDE601	Political History of Modern Europe: 15th-18th Century	<p>CO1- Understand Learn political and economical structure of Feudal society in 15th century and its crisis in 18th century.</p> <p>CO2- Gather knowledge about the nature Feudal Society, regional variation, crisis in Feudalism and transition debate.</p> <p>CO3- They will acquire knowledge how to rise renaissance in Europe after downfall of feudal Society in Europe and also be learn how the European Society transformed from Feudalism to Capitalism.</p> <p>CO4- Describe French Revolution , Era of Napoleon</p> <p>CO5- Analyze global paradigms relevant to Europe's traditional narrative Civilization.</p> <p>CO6- Analyze and explain different interpretations of world revolutions.</p>
HISSC601	Documentation and Visual Culture	<p>CO1- Conceptual Framework for Visual Culture: Colonial & Post Colonial Contexts Politics of Documentation</p> <p>CO2- Study the Methods of Documentation: Photographs, Films, Videos and digital</p> <p>CO3- They will accumulate understanding towards Fieldwork, Internship and Training</p> <p>CO4- Conceptual Framework for Visual Culture: Colonial & Post Colonial Contexts Politics of</p>

		<p>Documentation.</p> <p>CO5- Study the Methods of Documentation: Photographs, Films, Videos and digital</p> <p>CO6- Through written, oral, and constructive exercises, students will compile a portfolio of works that showcases their writing and presentation abilities.</p>
HISGE601	Environmental Issues in India	<p>CO1- Identify and explain major environmental issues in India</p> <p>CO2- Critically analyze how human activities contribute to environmental degradation</p> <p>CO3- Understand India's environmental laws, policies and regulations and their effectiveness</p> <p>CO4- To propose and assess sustainable practices and solutions to environmental problems</p> <p>CO 5- Understand the role of Government, NGO's and international organizations in addressing environmental issues in India</p> <p>CO6- To explain India's role in global environmental initiatives, including its commitment to international treaties</p>

B.A./B.Sc. GEOGRAPHY

Program Specific Outcome (PSOs)

PSO 1	To prepare the base for geography in the mind and heart of all UG students.
PSO2	To develop the understanding of nature, culture, regional variation and economic aspects.
PSO3	To impart Geographical Knowledge to the students.
PSO4	To introduce basic concept of cartography and develop the understanding about different type of maps, scales, relief features and surveying.
PSO5	To develop understanding of Environment and Sustainable development.

Course Outcomes

Paper code	Paper name	Course outcome
GEODC - 101	Physical Geography	<p>CO1- Students can learn and describe about basic concepts of physical geography.</p> <p>CO2- Students will be able to explain the 3</p>

		<p>components of the earth system as lithosphere, atmosphere and hydrosphere.</p> <p>CO3- They will complete their knowledge of fluvial cycle of erosion in special reference of father of geomorphology Sir Willam Moris Davis.</p> <p>CO4-. Now they can compare different atmospheric phenomena in different region.</p> <p>CO5-.They will know oceanic resources and components with justification of importance of tides and currents for human lives.</p> <p>CO6. - They can be able to design a project on fluvial cycle, Hydrological cycle and interior of the earth etc.</p>
GEODC-102	Geotectonic and Geomorphology	<p>CO1- Students will be recall the definition, scope, and branches of geography and geomorphology.</p> <p>CO2- Students will be able to explain the concept of Geomorphology.</p> <p>CO3- They will be able to classify world geomorphic region.</p> <p>CO4-. Now they will be identifying various type of landforms develop by various process.</p> <p>CO5-.They will be able to prepare an assignment on the application of Geomorphology in practical world and region geomorphology.</p> <p>CO6- Now they will learn the use of morphology in applied world.</p>
GEODL-101/102	Geography Practical	<p>CO1- Students will learn and relate relief features with actual world.</p> <p>CO2- Students can learn and explain basic concept of cartography.</p> <p>CO3- They will solve the problems related to scale.</p> <p>CO4-. Now they can examine the importance of topographical sheets published by Survey of India</p> <p>CO5-.They can prepare the plan of their area from given survey sheet.</p> <p>CO6-Student will be able to describe the plan prepared by them for selected micro area.</p>
GEOSC-101	Regional Planning and development	<p>CO1- Students will find the concept of region</p> <p>CO2- Students will be able to compare between different types of region.</p> <p>CO3- They will be able to classify different region on the basis of different natural and cultural components.</p> <p>CO4-. They will justify the limitation of a particular region.</p> <p>CO5-.They will be able to prepare a plan of natural regions in a political boundary as well as political regions.</p> <p>CO6- They will be able to prepare a design for the development region.</p>

GEOGE -101	World' s Geography	<p>CO1- Students will be able to recall solar system.</p> <p>CO2- Students will be able to describe the movements of earth.</p> <p>CO3- They will be able to draw a diagram of movements of earth.</p> <p>CO4-. They will be able to differences between different types of resource region of the world.</p> <p>CO5-.They will be able to write about economic and natural region of the world.</p> <p>CO6- They will be able to prepare a plan and map about economic and natural region of the world.</p>
GEODC-201	Human Geography	<p>CO1- Students will recall the definition and branches of Geography.</p> <p>CO2- Now they are capable for examines and predicts the future of man in a particular natural region.</p> <p>CO3- They can classify world races on the basis of different parameters prepared by different geographers.</p> <p>CO4-. They can also categories world races, world religion, world linguistic region by themselves.</p> <p>CO5-.They will be able to rate the world cultural region.</p> <p>CO6- Now they will be able to compose few analytical lines on world culture, races, language, urban regions, and trends of urbanization.</p>
GEODC-202	Climatology and Oceanography	<p>CO1- Students will be recall meaning, scope and importance of climatology.</p> <p>CO2- Students will be able to explain different components of atmosphere.</p> <p>CO3- They will be able to classify world climate classification.</p> <p>CO4-. Now they will be identifying highly climate disturb region.</p> <p>CO5-.They will be able to prepare assignment on world climate.</p> <p>CO6-.Now the students will be able to write about the meaning and factors responsible for the climate change.</p>
GEODL-201/202	Geography Practical	<p>CO1- Student will learn and prepare the list of different types of maps.</p> <p>CO2- Student will be able to discuss and prepare the outline of map.</p> <p>CO3- They will learn and practiced to complete the map projection.</p> <p>CO4- They will be able to interpret the weather map.</p> <p>CO5-Now students will be able to forecast weather</p>

		<p>of a region after interpretation of weather map.</p> <p>CO6- Now he will be able to write about projection and weather maps in detail.</p>
GEOSC-201	Regional Planning and development(Skill Enhancement Course)	<p>CO1- Students will find the concept of region</p> <p>CO2- Students will be able to compare between different types of region.</p> <p>CO3- They will be able to classify different region on the basis of different natural and cultural components.</p> <p>CO4-. They will justify the limitation of a particular region.</p> <p>CO5-.They will be able to prepare a plan of natural regions in a political boundary as well as political regions.</p> <p>CO6- They will be able to prepare a design for the development region.</p>
GEOGE-201	Environmental Geography	<p>CO1- Students will find environmental issues.</p> <p>CO2- Students will be able to examine different types of environments, ecological setting and their issues and challenges.</p> <p>CO3- Now they will be able to explain role of environmental conservation and management.</p> <p>CO4-. They will be able to prepare the project on environment.</p> <p>CO5-. They will be able to evaluate the loss of property and life in various regions and various type of disaster.</p> <p>CO6- They will be able to write about various program and plans introduced by government.</p>
GEODC-301	Geography of India	<p>CO1- Students will able to provide detail knowledge about physiographic divisions of India.</p> <p>CO2- Students will be able to explain and compare between different regions of India.</p> <p>CO3- They will be able to clarity about physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO5- They will be able to prepare and explain the plan for the development of various fields of Geography in India.</p> <p>CO6- Now students will be able to analyze the demographic and other attributes of Utrakhand and India.</p>
GEODC-302	Climate Change, Hazard and Disaster Management	<p>CO1- Students will able to describe about causes and impact of disaster management.</p> <p>CO2- Students will be able compare between disaster and hazards</p>

		<p>CO3- They will be able to examine the role of different government and NGA in India to control the disasters.</p> <p>CO4-. They will be able to create different types of disasters in India.</p> <p>CO5-.They will know oceanic resources, importance of tides and currents.</p> <p>CO6- CO6- They will be able to write and prepare a map for the disaster affected region of their state and country also will focus on dos ad Don't.</p>
GEODL-301/302	Geography Practical	<p>CO1- Students will find the use of statistical methods and techniques in the field of geography.</p> <p>CO2- Students will be able to know the importance and now they can compare between different statistical techniques.</p> <p>CO3- They will be able to examine various methods and techniques in Geography.</p> <p>CO4-. They will be able to evaluate the data by short cut and easy method.</p> <p>CO5-.They will be to express statistical data of various fields by various statistical techniques as mean, median, mode, diagrams and graphs.</p> <p>C06- They will be to write with example from society about various statistical data.</p>
GEOSC-301	India – Locational Aspects (Map)	<p>CO1- Students will able to recall the detail knowledge about physiographic divisions.</p> <p>CO2- Students will be able to explain and compare between different regions of India.</p> <p>CO3- They will be able to clarity about physical, climatic and natural vegetation demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO5- They will be able to present critical description of different cultural landscape and their development.</p> <p>CO6- They will be able to prepare the map and explain them in reference to various fields of Geography in India.</p>
GEOGE-301	Tourism Geography	<p>CO1- Students will learn about concept, parameters and types of tourism.</p> <p>CO2- Students will be able to explain the impact of tourism on economy and society.</p> <p>CO3- They will be able to draw and find the tourist places in the country.</p>

		<p>CO4-. They will be able to differences between Himalayan tourism and Desert region tourism.</p> <p>CO5-.They will be able to prepare project on Tourism.</p> <p>CO6- They will be able to write and go for the case study in various tourist region of the country.</p>
GEODC-401	Geography of the Himalaya	<p>CO1- Students will recall Himalayan identity.</p> <p>CO2- Students will be able to know the Himalayan location on the map of India.</p> <p>CO3- They will be able to illustrate the Himalayan identity.</p> <p>CO4-. They will be able to evaluate government programs and policies in Himalayan region.</p> <p>CO5-.They will be able to design the map of Himalayan region.</p> <p>CO6- Students will be able to write the description and give their view on mountain developing policies introduced by center and state government.</p>
GEODC-402	Geographical Thought	<p>CO1- Students will be recall the definition, scope, and branches of geography.</p> <p>CO2- Students will be able to explain the importance and scope of Geography.</p> <p>CO3- They will be able to classify world Geography into various historical time period.</p> <p>CO4-. Now they will be identifying various world famous Geographer.</p> <p>CO5-They will be able to prepare an assignment on the various fields of Geography.</p> <p>CO6- Student can be able to write about the contribution of various geographers from different time period of history of geography.</p>
GEODL-402	Practical Geography	<p>CO1 Students will enhance the of potential advance statistical techniques and its application in geographical studies.</p> <p>CO2- Students will be able to explain the Now students will able to appropriate use of statistical techniques in varying avenues of geographical studies.</p> <p>CO3-They will be to prepare all Geological maps.</p> <p>CO4-. They will be able to present different geographical phenomena by distribution map.</p> <p>CO5-.They will be able to prepare different types of maps as Geological map, topographical map etc.</p> <p>CO6-.Now students will be able to prepare a frame for various type of profiles in different region of Himalaya.</p>
GEOSC-401	India – Locational Aspects (Map)	<p>CO1- Students will able to recall the detail knowledge about physiographic divisions.</p> <p>CO2- Students will be able to explain and compare between different regions of India.</p> <p>CO3- They will be able to clarity about physical, climatic</p>

		<p>and natural vegetation demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO5- They will be able to present critical description of different cultural landscape and their development.</p> <p>CO6- They will be able to prepare the map and explain them in reference to various fields of Geography in India.</p>
GEOGE-401	Geography of India	<p>CO1- Students will able to provide detail knowledge about physiographic divisions of India.</p> <p>CO2- Students will be able to explain and compare between different regions of India.</p> <p>CO3- They will be able to clarity about physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO5- They will be able to prepare and explain the plan for the development of various fields of Geography in India.</p> <p>CO6- Now students will be able to analyze the demographic and other attributes of Utrakhand and India.</p>
GEODC-501	Settlement Geography	<p>CO1- Students will find the knowledge about nature, scope and definition of settlement geography.</p> <p>CO2- Students will be able to discuss various components and issues concern with rural and urban settlement.</p> <p>CO3- They will be able to illustrate the reason and results of highly dense populated urban areas of the world.</p> <p>CO4- They will be able to distingue between the rural and urban region in all continents.</p> <p>CO5-. They will be able to evaluate the economy progress and leaving standard in highly populated and low density region of world.</p> <p>CO6- They will be able to write on town planning, planned cities of India; Urban Problems as environmental, housing, transportation, crime, urban poverty, national capital regions and million cities of India.</p>
GEODC-502	Biogeography	<p>CO1- Students will find nature, scope and approaches of biogeography.</p> <p>CO2- Students will be able to recognize</p>

		<p>biological resource region of the world.</p> <p>CO3- They will be able to interpret the concept of biodiversity.</p> <p>CO4- They will be able to distinguish between biogeography of Uttarakhand Himalaya and Ganga plain region.</p> <p>CO5-. They will be able to evaluate the importance of conservation of wild life and forest.</p> <p>CO6- They will be able to design a plan for the conservation of forest life on local level.</p>
GEODL-501/502	Practical Geography	<p>CO1-Students will develop Cartographic skills such as map works , diagram construction, graphic representation of data and physical surveying.</p> <p>CO2-Now students will be able to constructs and draw maps, based on field survey data through the Prismatic compass and Plane table .</p> <p>CO3-They will also be able to conduct specific field survey.</p> <p>CO4-They will be able to examine the method of survey in reference to fulfill the requirement of purpose.</p> <p>CO5-.They will be able to evaluate all the work done by them in ground.</p> <p>CO6-They will be able to prepare a map for ground or allotted survey area.</p>
GEOSC-501	Remote Sensing and Gis	<p>CO1- Students will develop cartographic skills such as map works, diagram construction, graphic representation of data and physical surveying.</p> <p>CO2- Now students will be able to constructs and draw maps, based on field survey data through the Prismatic compass and Plane tabe.</p> <p>CO3-They will also be able to conduct specific field survey.</p> <p>CO4- They will be able to examine the method of survey inreference to fulfill the requirement of purpose.</p> <p>CO5-. They will be able to evaluate all the work done by them in ground.</p> <p>CO6- They will be able to prepare a map for ground or allotted survey area.</p>

GEOGE-501	World' s Geography	<p>CO1- Students will be able to recall solar system.</p> <p>CO2- Students will be able to describe the movements of earth.</p> <p>CO3- They will be able to draw a diagram of movements of earth.</p> <p>CO4-. They will be able to differences between different types of resource region of the world.</p> <p>CO5-.They will be able to write about economic and natural region of the world.</p> <p>CO6- They will be able to prepare a plan and map about economic and natural region of the world.</p>
GEODE-501	Agricultural Geography	<p>CO1- Students will find the knowledge about definition, scope, concept and significance of agriculture geography.</p> <p>CO2- Students will be able to identify world agriculture region.</p> <p>CO3- They will be able to examine the problems and limitation of different types of agriculture.</p> <p>CO4- They will be able to ask question regarding poor progress of agriculture in a particular region in India.</p> <p>CO5-. They will be able to evaluate the progress green revolution and landuse pattern in India.</p> <p>CO6- They will be able to prepare an assignment on programs and policies introduced by India government in the field of agriculture and landuse pattern in India.</p>
6 TH GEODC-601	Regional and urban Planning	<p>CO1- Students will be recall the concept, nature and scope of region.</p> <p>CO2- Students will be able to compare between different types of planning region in India.</p> <p>CO3- They will be able to classify different region on the basis of different natural and cultural components.</p> <p>CO4-. They will justify the limitation of a particular region.</p> <p>CO5- They will be able to evaluate the regional disparities in India.</p> <p>CO6-.They will be able to prepare a plan for the development of region on state, district and block level.</p>
GEODC-602	Research methodology	<p>CO1- Students will find the meaning, type and research process.</p> <p>CO2- Students will be able to explain the</p>

		<p>importance of research.</p> <p>CO3- They will be examining the importance of research.</p> <p>CO4- They will be able to examine the importance of sampling, data collection and hypothesis in research</p> <p>CO5-. They will be able to compose the importance of remote sensing.</p> <p>CO6- They will be able to frame a Research project.</p>
GEOSC-601	Remote Sensing and Gis	<p>CO1- Students will develop cartographic skills such as map works, diagram construction, graphic representation of data and physical surveying.</p> <p>CO2- Now students will be able to constructs and draw maps, based on field survey data through the Prismatic compass and Plane table.</p> <p>CO3-They will also be able to conduct specific field survey.</p> <p>CO4- They will be able to examine the method of survey inference to fulfill the requirement of purpose.</p> <p>CO5-. They will be able to evaluate all the work done by them in ground.</p> <p>CO6- They will be able to prepare a map for ground or allotted survey area.</p>
GEODL-601/602	Geography Practical	<p>CO1- Students will be able to define survey and remote sensing.</p> <p>CO2- Students will be able to explain different methods of surveying.</p> <p>CO3- They will be able to draw the sketch and map of ground.</p> <p>CO4-. They will be able to select different methods of survey.</p> <p>CO5-.They will be able to develop ability to prepare a plan for a region.</p> <p>CO6- Students will be able to write the details about use of various survey instruments in geography and its applied aspect.</p>

B.A. (Honours) Journalism and Mass Communication

Programme Outcome (POs)

PO1	Knowledge: Acquiring knowledge on communication theories, practices, and processes to implement in professional and everyday life.
PO2	Critical Thinking and Problem Analysis: Developing critical thinking and understanding to create awareness within society for problem-solving and interpretation.
PO3	Design/Development of Solutions: Designing solutions to complex problems that meet specified needs with appropriate consideration for public health, safety, cultural, societal, and environmental consideration.
PO4	Conduct Investigations of Complex Problems: Ability to comprehend and effectively write reports, news articles, and visual representations, while conducting investigations and research.
PO5	Modern Tool Usage: Acquiring modern, appropriate techniques for producing, creating, distributing, and promoting media content. Equipping students with ICT skills and digital literacy.
PO6	Environment and Sustainability: Enabling students to relate to environmental sustainability and development communication.
PO7	Ethics: Inculcating professional ethics, values from Indian and global cultures, and fostering ethically committed media professionals adhering to human values.
PO8	Individual and Team Work: Building team motivation and inspiring team members to achieve their utmost efficiency.
PO9	Communication Skills: Developing students' communication skills, enhancing both verbal and non-verbal abilities to connect with audiences and effectively communicate on complex issues with society.
PO10	Professionalism: Building confidence and equipping students with skills to promote self-management, employability, entrepreneurship, professional integrity, and leadership for a global workplace.
PO11	Life-long Learning: Instilling a commitment to lifelong learning in various aspects of media, skills, and technology, keeping up-to-date with the changing media landscape.
PO12	Engineering and Society: Utilizing mass media knowledge to select and create ICT tools, content, visuals, audio, graphics, and multimedia that contribute positively to society.

Programme Specific Outcome (PSOs)

PSO1	An ability to define various fields of mass communication.
PSO2	An ability to understand theories, practices, and processes of communication that prepare for future careers in mass media and media studies.
PSO3	Applying skills in the preparation, creation, and distribution of content for different mass media channels/platforms.
PSO4	Ability to write edits and analyze different types of news and content for various media platforms.
PSO5	Ability to report stories in an accurate, balanced, professional, and ethical manner.

Course Outcomes

Course Code	Title of the paper	Outcome
JMCDC-101	Communication Concept and Process	<p>CO1- Define and describe the key concepts, elements, and functions of communication.</p> <p>CO2-Summarize the core principles of Normative Theories of Mass Media,</p> <p>CO3-Apply communication theories to analyze media content and audience behavior.</p> <p>CO4-Analyze the impact of different communication theories on media practices and societal norms.</p> <p>CO5-Assess the effectiveness and implications of digital communication and social media on traditional media paradigms.</p> <p>CO6-Design effective communication strategies by incorporating the 7 C's and mitigating communication barriers.</p>
JMCDC-102	Introduction to social media	<p>CO1- Define the Concept of Social Media</p> <p>CO2-Explain the Impact of Social Media on Communication</p> <p>CO3-Identify and effectively use different social</p>

		<p>media platforms</p> <p>CO4- Analyze Social Media Trends and Their Implications</p> <p>CO5- Evaluate ethical and legal issues in social media usage</p> <p>CO6- Design a Social Media Strategy and Create engaging and relevant content for social media</p>
JMCDL-103	Reporting and Editing for Print	<p>CO1- Identification of news, editorial page, and print media terminology.</p> <p>CO2- Understanding of news format, news gathering, editing process, and media ethics.</p> <p>CO3- Explain the newspaper printing process and coordination of departments.</p> <p>CO4- Ability to use print media terminology, page layout, and designing.</p> <p>CO5- Assess press and field visits to understand the working culture of the press and execution.</p> <p>CO6- Compose news, articles, editorials, photo captions, and feature writing and editing.</p>
JMCDCL-103	Reporting and Editing for Print-Practical	<p>CO1- Define media, terminology, facts, software, and reporting.</p> <p>CO2- Understand reporting, page design, layout technology, and changing trends.</p> <p>CO3- Application of layout and design, editing principles, writing techniques, and software for newspaper production.</p> <p>CO4- Explain the process and function of newspaper departments, coordination, and new trends.</p> <p>CO5- Evaluate the role of technology and the impact of newspapers on society.</p> <p>CO6- Create and design news, news packages, features, editorial page articles, and editorials.</p>

JMCGE-101	Introduction to Journalism-I	<p>CO1- Define basics concept and components of journalism</p> <p>CO2- Conceptual understanding of newspaper and elements of journalism</p> <p>CO3- Executive the technical terms and jargons of journalism</p> <p>CO4- Analyze the changing trend in journalism industry</p> <p>CO5- Assess the contemporary debates and issues relating to media</p> <p>CO6- Develop critical thinking on relationship of media, society.</p>
JMCGE-102	Introduction to Visual Communication	<p>CO1-Define basic concepts, elements, and principles of visual communication</p> <p>CO2-Describe historical and theoretical perspectives in visual communication</p> <p>CO3-Apply principles of design and visual elements to create cohesive visual messages</p> <p>CO4-Analyze the role of visual media in cultural and social contexts</p> <p>CO5- Evaluate ethical and representational issues in visual communication</p> <p>CO6- Create visually compelling and socially responsible media messages.</p>
AEC-101	Communication Skills: Listening and Speaking Skills (English)	<p>CO1- To memorize the functions of communication and related topics.</p> <p>CO2- To explain listening and speaking skills.</p> <p>CO3- To acquire necessary listening and speaking skills in order to follow and comprehend discourse.</p> <p>CO4-To organize vocabulary and improve accuracy in grammar.</p> <p>CO5- To select positive attitudes for English</p>

		<p>Communication.</p> <p>CO6- To implement communicative skills at interviews, presentations and Group discussions for successful career skills.</p>
JMCSC-101	Computer Application in Media	<p>CO1- Identify the evolution, application, and terminology of computer and internet.</p> <p>CO2- Discuss the networking and application of software.</p> <p>CO3- Relate the need for cyber security and privacy, cyber ethics, and surveillance.</p> <p>CO4- Analyze virtual technology and cyber law.</p> <p>CO5- Assess and explain social networking sites and their uses.</p> <p>CO6-Develop skills for digital writing in different social media platforms.</p>
JMCSC-102	Public Speaking and Presentation Skills	<p>CO1- Define key concepts and principles of public speaking, including speech types and audience analysis.</p> <p>CO2- Explain speech structure, organization, and the creation of effective outlines and thesis statements.</p> <p>CO3- Demonstrate verbal and non-verbal communication techniques, including tone, pace, and body language.</p> <p>CO4- Analyze peer presentations, highlighting strengths and weaknesses in delivery and audience engagement..</p> <p>CO5- Evaluate and Deliver impactful presentations using visual aids and technology for clarity and engagement..</p> <p>CO6- Develop a personal improvement plan by reflecting on presentation performance and setting future goals.</p>
JMCVC-101	Society and Media-I	<p>CO1- Enhance Knowledge of Society and Media</p>

		<p>CO2- Understanding key concepts of Society and media, edutainment and infotainment.</p> <p>CO3- Construct critical thinking on Media and Cultural Influence.</p> <p>CO4- Analyze the role of media in crises management.</p> <p>CO5- Analyze the role and responsibility of media with a case study of international organizations.</p> <p>CO6- Devise solutions to major issues and concerns through media.</p>
JMCDC-201	Introduction Broadcast Media	<p>CO1- Define the concept of sound and technique, audiovisual image, formation, and writing.</p> <p>CO2- Understand the basics of visuals, characteristics of audiovisual mediums, news writing, and editing.</p> <p>CO3- Illustrate the issues, debates, and changing character of broadcast news.</p> <p>CO4- Compare between audio and video news processes, organizational setup, and techniques.</p> <p>CO5- Discriminate the news presentation patterns in broadcasting.</p> <p>CO6- Make and create the writing script for different broadcast media in a professional manner.</p>
JMCDC-202	History of Media	<p>CO1- Identify key historical events and figures in the development of various media in India.</p> <p>CO2- Describe the characteristics and challenges of different media forms, such as print, radio, and new media.</p> <p>CO3- Interpret the role of media in the National Freedom Movement, social history, and development.</p> <p>CO4- Analyze and explain the contemporary media issues, present scenario, modernity, and changing trends.</p> <p>CO5- Critically evaluates the ethical considerations</p>

		<p>and societal impact of media practices.</p> <p>CO6- Develop critical understanding of the future of different media and upcoming trends, media convergence.</p>
JMCDL-203	Photography	<p>CO1- Identify the history, importance, and concept of photography.</p> <p>CO2- Conceptual understanding of different elements and tools of photography.</p> <p>CO3- Apply the mechanism of lighting in photography.</p> <p>CO4- Illustrate the principles of composition to produce professional images.</p> <p>CO5- Evaluate the basics of photojournalism and its importance.</p> <p>CO6- Develop an understanding for modern tool usage in photography.</p>
JMCDCL-203	Photography - Practical	<p>CO1- State the concepts of photography and its components.</p> <p>CO2- Demonstrate different types of lighting in photography.</p> <p>CO3- Apply principles of composition to produce professional images.</p> <p>CO4- Devise and plan professional skills for photography and photojournalism.</p> <p>CO5- Evaluate the modern tool usage and software in photography.</p> <p>CO6- Prepare and produce professional images with the use of modern tools.</p>
JMCGE-201	Introduction to Journalism- II	<p>CO1- Define basics concept and components of different media .</p> <p>CO2- Conceptual understanding of different media writings and elements of journalism.</p> <p>CO3- Executive the technical terms, structure and</p>

		<p>function of different mass media.</p> <p>CO4- Analyze the changing trend in journalism industry.</p> <p>CO5- Assess the contemporary debates and issues relating to media.</p> <p>CO6- Develop critical thinking on relationship of media, society and democracy.</p>
JMCGE-202	Advertising Fundamentals	<p>CO1 -Define key advertising concepts and terminology.</p> <p>CO2- Explain the role of advertising in the marketing mix.</p> <p>CO3- Create an advertising plan for a product/service based on market analysis.</p> <p>CO4- Assess the effectiveness of various advertising media and strategies.</p> <p>CO5- Critique advertising campaigns in terms of creativity and ethical considerations.</p> <p>CO6- Develop a comprehensive advertising campaign including strategy, media plan, and creative elements.</p>
AEC-201	Environmental Studies-I	<p>CO1- Recall key environmental movements and their impact on environmental conservation.</p> <p>CO2- Explain the types of natural resources and their importance in sustainable development.</p> <p>CO3- Apply disaster management strategies to case studies of natural disasters like floods, earthquakes, and cyclones.</p> <p>CO4- Analyze the impact of human population growth on the environment and human health.</p> <p>CO5- Evaluate the effectiveness of different environmental policies and conservation strategies.</p> <p>CO6- Create detailed reports and presentations on environmental case studies and fieldwork projects.</p>
JMCSCL-	Print Media and Production	<p>CO1- Identify the different software used for print</p>

201	Software Training	<p>media.</p> <p>CO2- Describe use of tools, measurement panel, and software formatting.</p> <p>CO3- Illustrate color pallet, designing, and modify panel of software.</p> <p>CO4- Devise the news; compose from different sources and angles with the use of photo.</p> <p>CO5- Distinguish different software of page designing with uses.</p> <p>CO6- Develop and create design and layout for print media.</p>
JMCSCL-202	Photo-Editing Tools	<p>CO1- Demonstrate basic knowledge of photo-editing concepts and terminology.</p> <p>CO2- Utilize various photo-editing tools and software effectively.</p> <p>CO3- Perform advanced editing techniques, including retouching and color correction.</p> <p>CO4- Create and present a portfolio of edited images showcasing their editing skills.</p> <p>CO5- Critique edited images and provide constructive feedback based on industry standards.</p> <p>CO6- Develop a unique photo project that incorporates learned skills and techniques.</p>
JMCVC-201	Society and Media-II	<p>CO1- Understand media's role in advocating social change and challenging stereotypes..</p> <p>CO2- Explain the economic aspects of media production and advertising strategies..</p> <p>CO3- Apply media literacy skills to evaluate the credibility of social media information</p> <p>CO4- Analyze ethical considerations of emerging technologies in media, such as deepfakes and VR..</p> <p>CO5- Assess media's ethical implications in politics</p>

		<p>and public opinion formation.</p> <p>CO6- Design a media campaign addressing a social issue or promoting positive change.</p>
JMCDC-301	Media law and Ethics	<p>CO1- Define ethical framework of media laws and ethics.</p> <p>CO2- Explain and Identify technology and ethical parameters in news writing.</p> <p>CO3- Interpreted the regulatory bodies and their functions.</p> <p>CO4- Analyze media social responsibility and accountability factors.</p> <p>CO5- Criticize the media content debates and issues.</p> <p>CO6- Develop critical thinking to create awareness related to Media coverage of violence and law.</p>
JMCDC-302	Communication for Development	<p>CO1- Define and describe the concept, process and indicators of development and relation with media.</p> <p>CO2- Explain models of development and approaches to development communication.</p> <p>CO3- Identify and describe agencies, programs, schemes, and policies related to development</p> <p>CO4- Compare the divide between Developed and Developing societies.</p> <p>CO5- Examine challenges, problems, and issues in development and development journalism..</p> <p>CO6- Create reports, stories, and campaigns using ICT strategies for diverse media platforms.</p>
JMCDC-303	Advance Broadcast Media	<p>CO1- Recognize concepts, terminologies, and technologies in advanced broadcast media.</p> <p>CO2- Explain principles of production, operations, and regulatory frameworks in broadcast media.</p> <p>CO3- Apply techniques to produce quality audio-visual content for diverse platforms.</p>

		<p>CO4- Analyze the impact of digital broadcasting and OTT platforms on media trends.</p> <p>CO5- Evaluate ethical, social, and economic effects of advanced broadcast media globally.</p> <p>CO6- Design and execute innovative projects using advanced broadcast media techniques.</p>
JMCDCL-303	Advanced Broadcast Media-Practical	<p>CO1- Identify and outline key elements of audio and video production, including equipment, techniques, and terminologies.</p> <p>CO2- Explain the concepts like multi-camera setups, live production workflows, and digital broadcast systems.</p> <p>CO3- Apply technical skills in operating broadcasting equipment.</p> <p>CO4- Analyze different broadcast formats to design effective content strategies.</p> <p>CO5- Evaluate the quality of broadcast content based on technical, ethical, and aesthetic criteria.</p> <p>CO6- Create professional-grade broadcast productions integrating advanced techniques.</p>
JMCDE-301	ICT Applications for Media	<p>CO1- Define ICT and its components, and recall its evolution.</p> <p>CO2- Understand the principles of multimedia storytelling and its ethical considerations.</p> <p>CO3- Apply digital content creation tools for text, image, audio, and video production.</p> <p>CO4- Analyze the impact of ICT on media industries and workflows.</p> <p>CO5- Evaluate the effectiveness of multimedia storytelling techniques in engaging audiences.</p> <p>CO6- Design multimedia content for various platforms using digital content creation tools.</p>
JMCDE-302	Talk Shows and Panel Discussions for Broadcast	<p>CO1- Define and recall key concepts of talk shows</p>

	Media	<p>and panel discussions.</p> <p>CO2- Explain various formats and structures used in talk shows and panel discussions.</p> <p>CO3- Apply techniques to organize and conduct effective talk shows and panel discussions.</p> <p>CO4- Analyze audience engagement strategies and discuss ethical considerations in broadcast media.</p> <p>CO5- Evaluate the impact of talk shows and panel discussions on public opinion and media.</p> <p>CO6- Create and produce a mock talk show or panel discussion, demonstrating communication and moderation skills.</p>
JMCGE-301	Writing for Mass Media – I	<p>CO1- Recall structures, formats, and components of writing for various mass media platforms.</p> <p>CO2- Explain principles, styles, and audience engagement in media writing.</p> <p>CO3- Create news, advertisements, and scripts for print, radio, TV, and new media.</p> <p>CO4- Analyze differences in writing styles, ethics, and legal aspects across media.</p> <p>CO5- Evaluate written content for accuracy, objectivity, and journalistic standards.</p> <p>CO6- Design creative and ethical media content for diverse platforms.</p>
JMCGE-302	Basic Theory of Television Production	<p>CO1- Define key concepts and principles of television production.</p> <p>CO2- Explain the roles and responsibilities of a television production team.</p> <p>CO3- Demonstrate skills in operating television production equipment, including cameras, lighting, and audio tools.</p> <p>CO4- Analyze and apply effective techniques for directing and producing television content.</p>

		<p>CO5- Critically evaluates and improves television productions through peer feedback and self-assessment.</p> <p>CO6- Create and edit television content using industry-standard software and post-production techniques.</p>
AEC-301	Communication Skills: Reading and Writing Skills (English)	<p>CO1- To memorize the functions of communication and related topics.</p> <p>CO2- To improve communication skills to communicate within the society.</p> <p>CO3- To implement writing and reading as skills.</p> <p>CO4- To organize vocabulary and improve accuracy in grammar.</p> <p>CO5- To select positive attitudes for English Communication.</p> <p>CO6- To design formal letters, CV, interview, resume and cover letters etc. for successful career skills.</p>
JMCSCL-301	Audio-Visual Production training	<p>CO1- Identify the basic techniques of broadcasting.</p> <p>CO2- Develop the conceptual understating of Radio and Television Program format.</p> <p>CO3- Develop and produce script based program for radio and TV .</p> <p>CO4- Analyze the execution, requisite, challenges in radio and TV program production.</p> <p>CO5- Evaluate Radio and TV Professional by using modern tools.</p> <p>CO6- Produce Studio based Radio and TV programs in different formats.</p>
JMCSCL-302	Basic Skills for TV Anchoring	<p>CO1- Explain key concepts and terminology in TV anchoring.</p> <p>CO2- Demonstrate effective communication and articulation skills in on-camera situations.</p> <p>CO3- Conduct interviews effectively, applying</p>

		<p>appropriate questioning techniques.</p> <p>CO4- Analyze news stories for relevance and accuracy, applying research skills.</p> <p>CO5- Evaluate the technical aspects of TV production relevant to anchoring.</p> <p>CO6- Create a mock TV anchoring segment that showcases learned skills.</p>
JMCIC-301	Internship/apprenticeship/project/community outreach	<p>CO1- Recall the fundamental concepts and terminologies related to media internship and industrial training.</p> <p>CO2- Explain the processes and workflow in a professional media environment.</p> <p>CO3- Demonstrate the application of theoretical knowledge in practical media settings.</p> <p>CO4- Analyze the challenges and opportunities encountered during a media internship.</p> <p>CO5- Assess the effectiveness of various media strategies and tools used in industrial training.</p> <p>CO6- Develop a comprehensive media project by integrating skills and knowledge gained during the internship.</p>
JMCVC-301	Introduction to New Media and Journalism ethics	<p>CO1- Explain the concept of new media, including its definitions and features.</p> <p>CO2- Describe the concept of media convergence and discuss the issues related to the digital divide.</p> <p>CO3- Utilize social and professional networking sites for networking and information sharing.</p> <p>CO4- Critically assess the issues related to new media.</p> <p>CO5- Assess the consequences of the rise of digital media on communication practices.</p> <p>CO6- Design and develop a social media campaign addressing a specific social issue</p>

JMCD-401	Film Appreciation	<p>CO1- Understand the film form and its historical context.</p> <p>CO2- Explain the elements and technology of cinema.</p> <p>CO3- Illustrate the difference between camera shots, angles, movement.</p> <p>CO4- Relate and distinguish different film form, genre and style of cinema.</p> <p>CO5- Assess the changing scenario and genre of films and techniques worldwide.</p> <p>CO6- Construct a deeper meaning on authorship, feminist theory and genre of film.</p>
JMCD-402	Folk and Community Media	<p>CO1- Define , comprehend theoretical approaches and history of folk and community media.</p> <p>CO2- Understanding the concept of access and participation of community in development.</p> <p>CO3- Illustrate the different forms of community and folk media and their challenges in India.</p> <p>CO4- Analyzing and identify the convergence of traditional folk media with modern mass media.</p> <p>CO5- Evaluate various forms of folk media and its relevance in the field of mass communication.</p> <p>CO6- Design and develop content for folk and community media.</p>
JMCD-403	Documentary Production	<p>CO1- Define documentary, various types and production techniques.</p> <p>CO2- Understand current issues, research, scripting and ethics.</p> <p>CO3- Illustrate effectively on complex issues with society by making documentary.</p> <p>CO4- Analysis voice, writing and shooting for documentary.</p> <p>CO5- Assess stages of documentary production,</p>

		<p>distribution and exhibition.</p> <p>CO6- Develop the skill to create and produce documentary with modern tools.</p>
JMCDCL-403	Documentary Production(Practical)	<p>CO1- Identity different stages of documentary production techniques.</p> <p>CO2-Demonstrate research skills in collecting evidences.</p> <p>CO3- Prepare and produce the structure and script of the documentary .</p> <p>CO4- Plan to make documentary on any socio-economic and current issues.</p> <p>CO5- Evaluate the role of narrator, actor, audience, participations in documentary cinematography.</p> <p>CO6- Design research base writing, script presenting anchoring, voice over narration, shooting with professional camera.</p>
JMCDE-401	Political Communication	<p>CO1- Define basic concept of political communication.</p> <p>CO2- Understand the different Political Communication Theories and their uses in media.</p> <p>CO3- Apply Social media strategies in political communication.</p> <p>CO4- Analyze online Media and Political Communication.</p> <p>CO5- Evaluate the role and impact of modern media on politics.</p> <p>CO6- Create and design Digital political campaigning and advertising.</p>
JMCDE-402	Parliamentary Journalism	<p>CO1- Define parliamentary functions and election process.</p> <p>CO2- Understand the Power and Functions of Parliament.</p> <p>CO3- Articulate the Constitutional Amendment Bills</p>

		<p>and Parliamentary Privilege.</p> <p>CO4- Explain the role and responsibilities of parliamentary reporting.</p> <p>CO5- Assess the Case Study on sanction of famous Parliamentary Bills.</p> <p>CO6- Write and create the parliamentary reports with media tools.</p>
JMCGE-401	Writing for Mass Media – I I	<p>CO1- Recall principles and formats for writing across television, online, and new-age media.</p> <p>CO2- Explain techniques and strategies for crafting content for various media platforms.</p> <p>CO3- Develop scripts for news, advertisements, and programs for diverse media formats.</p> <p>CO4- Analyze advertisement formats and storytelling techniques for audience engagement.</p> <p>CO5- Evaluate media content for audience impact, ethics, and emerging trends.</p> <p>CO6- Design innovative cross-platform content using trans media and emerging technologies.</p>
JMCGE-402	Specialized reporting	<p>CO1- Define beat/specialized news reporting and their function.</p> <p>CO2- Explain relevance of specialized news and other content for print media.</p> <p>CO3- Demonstrate and apply the skill in specialized reporting.</p> <p>CO4- Analyze the various angles of news and its impact on readers.</p> <p>CO5- Examine the relevance of specialized reporting in contemporary times.</p> <p>CO6- Create specialized news stories and content following news ethics and news values.</p>

MOOC	MOOC	<p>CO1- Define key terms and concepts related to MOOCs, such as "massive," "open," "online," and "course."</p> <p>CO2- Explain the historical development and the evolution of MOOCs in higher education.</p> <p>CO3-Demonstrate how to enroll in, navigate, and complete a MOOC on a chosen platform.</p> <p>CO4- Compare and contrast different MOOC platforms and their pedagogical approaches.</p> <p>CO5- Assess the impact of MOOCs on traditional education systems and lifelong learning.</p> <p>CO6-Design a proposal for a new MOOC, including course objectives, structure, and delivery methods.</p>
AEC-401	Environmental Studies-II	<p>CO1- Identify different types of environmental pollution and their sources.</p> <p>CO2- Explain the impacts of climate change and the measures for adaptation and mitigation.</p> <p>CO3- Apply environmental management principles to real-life scenarios.</p> <p>CO4- Analyze the effectiveness of international environmental treaties and national legislations.</p> <p>CO5- Evaluate the success of different environmental policies and management systems.</p> <p>CO6- Develop comprehensive reports on environmental case studies and fieldwork projects.</p>
JMCSCL-401	Basics of Design & Graphics	<p>CO1- Define and recall the basic elements and principles of design and graphics.</p> <p>CO2- Explain the concepts of typography, color theory, and layout components.</p> <p>CO3- Use design principles to create visually appealing layouts for different media formats.</p> <p>CO4- Distinguish between various printing methods and their applications.</p>

		<p>CO5- Critique and refine design projects based on aesthetic and functional criteria.</p> <p>CO6- Develop original designs for visiting cards, postcards, posters, brochures, magazines, and newspaper front pages using desktop publishing software.</p>
JMCSCSCL-402	Basic skills for Radio Jockeying	<p>CO1- Identify and recall essential concepts in radio jockeying, including voice modulation, radio formats, and presentation techniques.</p> <p>CO2- Explain the role of a Radio Jockey, the different styles of storytelling, and the importance of voice grooming.</p> <p>CO3- Apply scriptwriting techniques and voice modulation for radio formats.</p> <p>CO4- Analyze different aspects of radio production, including technical equipment and broadcasting methods.</p> <p>CO5- Evaluate presentations and scripts to improve voice quality and audience engagement.</p> <p>CO6- Create effective and engaging radio scripts, plan shows, and execute technical aspects of radio jockeying.</p>
JMCIC-401	Internship/apprenticeship/project/community outreach	<p>CO1- Recall the fundamental concepts and terminologies related to media internship and industrial training.</p> <p>CO2- Explain the processes and workflow in a professional media environment.</p> <p>CO3- Demonstrate the application of theoretical knowledge in practical media settings.</p> <p>CO4- Analyze the challenges and opportunities encountered during a media internship.</p> <p>CO5- Assess the effectiveness of various media strategies and tools used in industrial training.</p> <p>CO6- Develop a comprehensive media project by integrating skills and knowledge gained during the</p>

		internship.
JMCVC-401	Advanced New Media and Ethical Issues	<p>CO1- Define new media terminologies and uses.</p> <p>CO2- Understand virtual culture, digital Journalism ethics and role of new media.</p> <p>CO3- Apply skills in web writing .web campaign, planning and use of new media.</p> <p>CO4- Devise Visual and Content Design techniques.</p> <p>CO5- Evaluation of various social media platforms its uses, challenges and reach to general public.</p> <p>CO6- Application of various ideas to create content for digital media .</p>
JMCDL-501	Multimedia Journalism	<p>CO1- Define multimedia and basic of multimedia media reporting .</p> <p>CO2- Demonstrate decision making skills of multimedia content.</p> <p>CO3- Apply understanding on ethical issues related to online sources .</p> <p>CO4- Able to illustrate skills to explain and identify content of multimedia production .</p> <p>CO5- Assess combine content to form interactive narrative for web .</p> <p>CO6- Able to compose and plan multimedia content using multimedia software.</p>
JMCDL-501	Multimedia Journalism – Practical	<p>CO1- Define multimedia and explain its significance in modern communication.</p> <p>CO2- Understand the principles of animation and their application in multimedia projects.</p> <p>CO3- Utilize multimedia tools and software to create engaging presentations and projects.</p> <p>CO4- Analyze the use of animation in multimedia content to determine its effectiveness in storytelling.</p> <p>CO5- Evaluate the usability and functionality of</p>

		<p>interactive multimedia projects from a user perspective.</p> <p>CO6- Create multimedia content that demonstrates proficiency in both basic and advanced techniques.</p>
JMCD-502	Media, Gender & Human Rights	<p>CO1- Define different aspects of human rights and gender studies.</p> <p>CO2- Understand the historical growth, movements related to human rights and gender studies.</p> <p>CO3- Identify and examine the work of national, international organizations related to human rights.</p> <p>CO4- Explain the human rights, gender issues and relation of media, social world.</p> <p>CO5- Evaluate the role of media in protection ,promotion of gender issues and human rights.</p> <p>CO6- Develop understanding laws and ethics related to gender, human right and gender consciousness.</p>
JMCD-503	Digital and Social media advertising	<p>CO1-Identify key concepts, theories, and historical milestones in advertising.</p> <p>CO2- Describe the various economic, cultural, psychological, and social influences on advertising.</p> <p>CO3- Apply advertising models to develop effective advertising strategies.</p> <p>CO4- Analyze the effectiveness of different advertising media, their suitability for various campaign objectives.</p> <p>CO5- Critically evaluate the role of innovative advertising techniques and emerging technologies in modern advertising practices.</p> <p>CO6- Design social media marketing strategies that enhance brand engagement, achieve marketing objectives.</p>
JMCDL-503	Digital and Social media Advertising (Practical)	<p>CO1- Identify and recall the key elements and tools used in designing and creating advertisements.</p>

		<p>CO2- Understand the principles and importance of various aspects of advertising, including copywriting, visual design, and cultural considerations.</p> <p>CO3- Apply design principles and tools to create effective advertisements and campaigns.</p> <p>CO4- Analyze the effectiveness of different advertising strategies and elements.</p> <p>CO5- Evaluate the effectiveness of advertising campaigns across different cultures.</p> <p>CO6- Design and create comprehensive and effective advertising campaigns using various media and tools.</p>
JMCDE-501	Cyber Crime and Media: Current Trends	<p>CO1- Define key concepts and principles of public speaking, including speech types and audience analysis..</p> <p>CO2- Explain speech structure, organization, and the creation of effective outlines and thesis statements..</p> <p>CO3- Illustrate the impact of cybercrime on intellectual property rights in media.</p> <p>CO4-Examine the role of social media in facilitating and combating cybercrime.</p> <p>CO5- Evaluate the impact of cybercrimes and the effectiveness of current laws..</p> <p>CO6- Design a framework for legal, ethical cybercrime prevention and emerging cyber security trends.</p>
JMCDE-502	Specialized Writings	<p>CO1- List the characteristics of online media, including multimedia storytelling and interactive content.</p> <p>CO2- Explain the role of data in journalism and its importance in storytelling.</p> <p>CO3- Demonstrate proficiency in data collection, analysis, and interpretation for journalistic purposes.</p> <p>CO4-Assess the role and impact of opinion</p>

		<p>journalism on public discourse and policy formation.</p> <p>CO5- Critically evaluate different storytelling techniques in multimedia journalism, including interactive and immersive storytelling.</p> <p>CO6- Design multimedia journalism projects integrating text, images, video and audio.</p>
JMCGE-501	Photography Techniques	<p>CO1- Define key terms and concepts related to photography.</p> <p>CO2- Explain the functions of different types of cameras, lenses, and photographic equipment.</p> <p>CO3- Demonstrate the principles of composition, lighting, and exposure in photography.</p> <p>CO4- Analyze different photographic techniques and their effects.</p> <p>CO5- Evaluate the quality of photographs based on technical and aesthetic criteria.</p> <p>CO6- Create a portfolio of photographs demonstrating a variety of techniques and styles.</p>
JMCGEL-501	Photography Techniques (Practical)	<p>CO1- Define the basic terminology and key concepts in photography.</p> <p>CO2- Describe the principles of composition and how they contribute to the aesthetic appeal of a photograph.</p> <p>CO3- Demonstrate the use of basic camera controls and settings to capture well-exposed images.</p> <p>CO4- Analyze the effects of lights on a photograph and make appropriate adjustments in exposure and lighting for desired results.</p> <p>CO5- Critique photographs based on principles of composition, exposure, and lighting.</p> <p>CO6- Develop a professional photography portfolio, incorporating a range of photographic styles and showcasing creative and technical skills.</p>

JMCGE-502	Television Reporting and News Gathering	<p>CO1-Remember the key concepts of television reporting and news gathering.</p> <p>CO2- Understand and explain the structure of television news stories and their production.</p> <p>CO3- Apply techniques of news gathering and writing for television.</p> <p>CO4- Analyze ethical and legal issues in television reporting.</p> <p>CO5- Evaluate the effectiveness of television news stories based on content and presentation.</p> <p>CO6- Create and present compelling television news reports using appropriate technology.</p>
JMCCEL-502	Television Reporting and News Gathering (Practical)	<p>CO1- Identify key components of television news reporting.</p> <p>CO2- Explain research, interview techniques, and field reporting for creating TV news stories.</p> <p>CO3- Operate camera equipment, frame shots, and record sound to enhance storytelling.</p> <p>CO4- Analyze footage for editing, voiceovers, and sound mixing in storytelling.</p> <p>CO5- Evaluate news segments based on reporting quality, clarity, and technical execution. .</p> <p>CO6- Create a news segment showcasing structure, storytelling, reporting, and editing skills.</p>
MOOC	MOOC	<p>CO1- Define key terms and concepts related to MOOCs, such as "massive," "open," "online," and "course."</p> <p>CO2- Explain the historical development and the evolution of MOOCs in higher education.</p> <p>CO3- Demonstrate how to enroll in, navigate, and complete a MOOC on a chosen platform.</p> <p>CO4- Compare and contrast different MOOC platforms and their pedagogical approaches.</p>

		<p>CO5- Assess the impact of MOOCs on traditional education systems and lifelong learning.</p> <p>CO6- Design a proposal for a new MOOC, including course objectives, structure, and delivery methods.</p>
JMCSCCL-501	Video Editing Tools	<p>CO1- Explain key concepts and terminology in video editing.</p> <p>CO2- Understand various video editing software and their features.</p> <p>CO3- Apply basic editing techniques to enhance video content.</p> <p>CO4- Analyze the effectiveness of different editing styles in storytelling.</p> <p>CO5- Evaluate the quality and impact of edited video projects.</p> <p>CO6- Create a final video project utilizing advanced editing tools and techniques.</p>
JMCSCCL-502	Advanced Photography Techniques and Skills	<p>CO1- Recall advanced techniques and concepts in photography.</p> <p>CO2- Describe the principles and methods of different photography genres.</p> <p>CO3- Apply advanced photographic and digital editing techniques.</p> <p>CO4- Critically analyze the work of professional photographers and their techniques.</p> <p>CO5- Assess personal and peer photographic works for technical and artistic quality.</p> <p>CO6- Produce a cohesive and professional photography portfolio.</p>
JMCIC-501	Internship/apprenticeship/project/community outreach	<p>CO1- Recall the fundamental concepts and terminologies related to media internship and industrial training.</p> <p>CO2- Explain the processes and workflow in a professional media environment.</p>

		<p>CO3- Demonstrate the application of theoretical knowledge in practical media settings.</p> <p>CO4- Analyze the challenges and opportunities encountered during a media internship.</p> <p>CO5- Assess the effectiveness of various media strategies and tools used in industrial training.</p> <p>CO6- Develop a comprehensive media project by integrating skills and knowledge gained during the internship.</p>
JMCDL-601	Event Management	<p>CO1- Define event management and describe its scope and importance.</p> <p>CO2- Explain the event planning process, including setting objectives, budgeting, and scheduling.</p> <p>CO3- Apply marketing strategies for events by identifying target audiences and segmentation techniques.</p> <p>CO4- Analyze team management strategies and techniques for effective delegation of responsibilities in event execution.</p> <p>CO5- Assess sustainable practices in event management, including waste management, and carbon footprint reduction.</p> <p>CO6- Prepare comprehensive event proposals, including content, structure, and presentation elements.</p>
JMCDL-601	Event Management (Practical)	<p>CO1- Describe all the steps of planning and organizing an event.</p> <p>CO2- Discuss ways of strategic marketing and media planning for events.</p> <p>CO3- Demonstrate knowledge and ability to identify of risk areas, evaluate safety measures.</p> <p>CO4- Plan an event and Formulate research, planning</p>

		<p>and logistic related to various events.</p> <p>CO5- Assess the SWOT analysis of event management organization.</p> <p>CO6- Prepare and produce event proposal and develop presentation skill with the help of ICT tools.</p>
JMCDC-602	Web Journalism	<p>CO1- Conceptual knowledge of Web Journalism and its different aspects.</p> <p>CO2- Understand the Writing Skills for Web and Social Media.</p> <p>CO3- Develop the Multimedia production techniques.</p> <p>CO4- Devise the recent trends of web and social media.</p> <p>CO5- Evaluate the impact of globalization on web journalism.</p> <p>CO6- Create and Produce news content adaptable for different media platforms.</p>
JMCDC-603	Health Communication	<p>CO1- Knowledge of Evolution ,development and growth of Health Communication in India.</p> <p>CO2- Understand the importance of communication skills in the health care industry.</p> <p>CO3 - Know the key step in planning, implementing and assessing health promotion campaigns.</p> <p>CO4- Analyze the role of Information Education Communication in Health Communication.</p> <p>CO5- Evaluate the basic of Theories and Models of Health Communication.</p> <p>CO6- Develop the skills for designing messages for health care in an effective manner.</p>
JMCDE-601	Public Relations and Corporate Communications	<p>CO1- Define the scope and importance of Public Relations (PR) and Corporate Communications.</p> <p>CO2- Identify current trends in PR and Corporate</p>

		<p>Communications.</p> <p>CO3- Execute campaigns across various channels and platforms, utilizing appropriate tools and techniques to maximize reach and impact.</p> <p>CO4- Analyze the role of digital PR and social media in modern corporate communication.</p> <p>CO5- Critically assess the ethical considerations in PR campaigns and their impact on public perception.</p> <p>CO6- Design and execute comprehensive PR campaigns that incorporate digital media, social media strategies, and traditional PR tools.</p>
JMCDE-602	Media and Information Literacy	<p>CO1- Enhance knowledge various dimension on media and literacy.</p> <p>CO2- Understanding the Role and Functions of Media In Democracy.</p> <p>CO3- Develop information literacy regarding Ethical Use of Information.</p> <p>CO4- Explain the objective, scope and importance of Media Literacy .</p> <p>CO5- Evaluate and identity reliable sources of information.</p> <p>CO6- Create and design digital content with ICT tools.</p>
JMCGE-601	Introduction to Blogging	<p>CO1- Identify concepts, types, platforms, and terminologies related to blogging.</p> <p>CO2- Explain blog structure, SEO principles, and content optimization strategies.</p> <p>CO3- Apply best practices in writing, formatting, and designing audience-specific blog posts.</p> <p>CO4- Assess blog content for quality, authenticity, ethics, and industry standards.</p>

		<p>CO5- Evaluate blog analytics to assess audience engagement and performance.</p> <p>CO6- Create and develop a personal blog with engaging, optimized content for a niche.</p>
JMCGEL-601	Introduction to Blogging (practical)	<p>CO1- Identify the basics of blogging, including platform selection, content creation, and blog management.</p> <p>CO2- Understand the role of social media in promoting blogs and develop strategies for content distribution.</p> <p>CO3- Develop the skills to write engaging blog posts for specific audiences.</p> <p>CO4- Analyze search engine results and apply SEO strategies to optimize blog content for higher visibility.</p> <p>CO5- Evaluate and apply SEO and digital marketing strategies to improve blog visibility and reach.</p> <p>CO6- Create and manage a blog incorporating multimedia content and effective presentation tools.</p>
JMCGE-602	Broadcast Marketing and Promotion	<p>CO1- Identify the principles and practices of broadcast marketing.</p> <p>CO2- Explain different strategies and tools used for broadcast content promotion.</p> <p>CO3- Apply audience analysis techniques to develop targeted broadcast campaigns.</p> <p>CO4- Analyze the impact of social media and digital tools in broadcast marketing.</p> <p>CO5- Evaluate ethical and regulatory issues in broadcast marketing and promotion.</p> <p>CO6- Design an integrated broadcast promotion strategy for a specific media product.</p>
JMCGEL-602	Broadcast Marketing and Promotion (Practical)	<p>CO1- Identify broadcast marketing needs and target audience.</p>

		<p>CO2- Understand the principles of broadcast marketing and platform selection.</p> <p>CO3- Design basic promotional strategies for broadcast programs.</p> <p>CO4- Analyze and evaluate the success of broadcast marketing campaigns.</p> <p>CO5-Evaluate the effectiveness of marketing campaigns using analytics tools and audience feedback.</p> <p>CO6- Create promotional materials (video, audio and graphics) for broadcast media.</p>
MOOC	MOOC	<p>CO1- Define key terms and concepts related to MOOCs, such as "massive," "open," "online," and "course."</p> <p>CO2- Explain the historical development and the evolution of MOOCs in higher education.</p> <p>CO3- Demonstrate how to enroll in, navigate, and complete a MOOC on a chosen platform.</p> <p>CO4- Compare and contrast different MOOC platforms and their pedagogical approaches.</p> <p>CO5- Assess the impact of MOOCs on traditional education systems and lifelong learning.</p> <p>CO6- Design a proposal for a new MOOC, including course objectives, structure, and delivery methods.</p>
JMCSC-601	Social Media Marketing Skills	<p>CO1-Describe key features and functionalities of major social media platforms.</p> <p>CO2- Explain principles of effective social media marketing strategies and their relevance to business goals..</p> <p>CO3- Create original content for social media platforms tailored to target audiences.</p> <p>CO4- Analyze ethical considerations and compliance requirements in social media advertising.</p>

		<p>CO5- Evaluate social media metrics to measure campaign effectiveness and identify improvements.</p> <p>CO6- Design comprehensive social media marketing plans integrating content, advertising, and optimization.</p>
JMCSC-602	Skills for Media and Employment Opportunities	<p>CO1- Identify essential media skills and roles across various industry sectors.</p> <p>CO2- Develop writing and storytelling techniques tailored for media audiences.</p> <p>CO3- Apply visual and digital skills to create engaging multimedia content.</p> <p>CO4- Analyze outcomes of personal branding and portfolio development efforts in the context of media employment opportunities.</p> <p>CO5- Evaluate personal strengths and create a professional portfolio for employment.</p> <p>CO6- Design a career plan with networking strategies and job search techniques in the media industry.</p>
JMCIC-601	Internship/apprenticeship/projects/community outreach	<p>CO1- Recall the fundamental concepts and terminologies related to media internship and industrial training.</p> <p>CO2- Explain the processes and workflow in a professional media environment.</p> <p>CO3- Demonstrate the application of theoretical knowledge in practical media settings.</p> <p>CO4- Analyze the challenges and opportunities encountered during a media internship.</p> <p>CO5- Assess the effectiveness of various media strategies and tools used in industrial training.</p> <p>CO6- Develop a comprehensive media project by integrating skills and knowledge gained during the internship.</p>



Shri Guru Ram Rai University

(Estd. By Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act No. 03 of 2017)

Patel Nagar, Dehradun-248001, Uttarakhand

MASTER OF ARTS (M.A.) **PROGRAMME OUTCOME (PO)**

Students will be able to:

PO 1	Disciplinary knowledge: The students acquire knowledge and understanding in the field of social sciences, literature and humanities through facts, theories and fundamental concepts. It will enhance the global as well as regional knowledge.
PO 2	Critical Thinking and Problem Solving: The students will develop critical and analytical skills to identify and analysis social issues and problems and suggest improvements for better result. It provides a multi-disciplinary and inter- disciplinary perspective to the students and enables them to analysis and critique the existing policies and explore innovative solutions.
PO 3	Investigations: The students will analyse and evaluate data on the basis of empirical evidence and critically evaluate practices, policies and theories following scientific approach of Investigations.
PO 4	Team Learning: The students will learn independent individual learning and collaborative team learning through practical sessions that provide opportunities to interact with industry and gain hands-on experience.
PO 5	Communication Skills: The students will develop various communication and presentation skills which will help in expressing ideas and views clearly andeffectively with the community and society at large.
PO 6	Professionalism: The students will be confident and equipped with the skills that will promote self-management, employability, entrepreneurship, professional integrity and leadership needed in a global workplace.
PO 7	Ethics: The students will learn values and ethics and an ability to apply these with a sense of responsibility within the workplace and community which will transform them as responsible citizens.
PO 8	Environment and Sustainable Development: The students will be able to impart solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.
PO 9	Lifelong Learning: The students will have the ability to develop confidence for self-education and ability for lifelong learning. The program will empower to appear for various competitive examinations and to work independently adapting to changing trades, technology and demands of work place through knowledge and skill development.
PO 10	Projects and Management: The students will develop the ability to formulate problems and projects and to plan a process for solution taking advantage of diverse technical knowledge and skills. They can use the modern tools, techniques, skills and management principles to manage projects in multidisciplinary environments.

PO 11	Engineer and Society: The students will apply reasoning and contextual knowledge to assess societal and cultural issues and the consequent responsibilities towards human, society and social institutions.
PO 12	Design/Development of solutions: The students will be able to come up with solutions for complex social problems and design social components or processes that meet the specified needs with appropriate considerations for the public health, safety, cultural, societal and environment considerations

M.A. ENGLISH

Program Specific Outcomes (PSO)

PSO 1	Familiarization of the styles of authors in the European prose and poetry, Modern Indian Writing in English and works from different periods and literatures.
PSO2	Identification of key ideas, representative authors and works, significant historical or cultural events, styles, background and characteristic perspectives or attitudes expressed in different literatures.
PSO3	Representation of literary and rhetorical texts, including influential criticism and commentary on those texts.
PSO4	Exploration of social, political, cultural, literary and religious background of different ages and periods of English literature.

Course Outcome (CO)

Course Code	Course Name	Outcome
MENC-101	English Literature From Geoffery	<p>CO1- To define English Literature from Geoffrey Chaucer to John Milton.</p> <p>CO2- To explain the social, political, cultural, literary and religious background of the age.</p> <p>CO3- To interpret the sublime profundity of the classics of the times.</p> <p>CO4- To distinguish the literary movements and ideologies of the time.</p> <p>CO5- To critique the theme, structure and style of the work from different ages.</p> <p>CO6- To investigate the diverse variety of themes and styles.</p>
MENC-102	Drama Excluding Shakespeare	<p>CO1- To analyze the world's best dramas.</p> <p>CO2- To describe a broad vision of life by</p>

		<p>making the students to come to grip situations.</p> <p>CO3- To demonstrate different ages through different writers.</p> <p>CO4- To differentiate and develop communicative ideas.</p> <p>CO5- To judge a range of theatrical skills and apply them to create performance.</p> <p>CO6- To develop thinking and creativity.</p>
MENC-103	.Early Humanists' Literature	<p>CO1- To identify the background of Renaissance Humanism.</p> <p>CO2- To demonstrate a variety of Western beliefs, methods and philosophies on the human realm.</p> <p>CO3- To illustrate and focus on analysis of perceived experience.</p> <p>CO4- To classify and understand the essays.</p> <p>CO5- To examine the use of realism that rejected traditional assumptions.</p> <p>CO6- To prepare the overview of the literature and the impact it had has in development of philosophy.</p>
MENC-104	Literary Criticism –I	<p>CO1- Identify major theoretical/critical movements and theorists.</p> <p>CO2- Interpret and analyze literature based on the Criticism.</p> <p>CO3- Apply specific theoretical concepts, theories, and terms to literary texts.</p> <p>CO4- Classify critical reading and writing.</p> <p>CO5- Criticize critical practices.</p> <p>CO6- Investigate literary theoretical concepts to develop interpretations of literary texts.</p>
MENC-105	English Prose	<p>CO1- Enlighten the students with the evolutions of English Prose.</p> <p>CO2- Gather knowledge contained in the texts.</p>

		<p>CO3- Relate the passage and grasp its meaning.</p> <p>CO4- Distinguish the themes and ideas of the texts.</p> <p>CO5- Evaluate the theme and to arrange ideas in a systematic way.</p> <p>CO6- Construct the ability to appreciate the ideas and think critically.</p>
MENC-106	American Literature	<p>CO1- Define the trends and style of American literature.</p> <p>CO2- Explain a bunch of poems and fiction written by American authors.</p> <p>CO3- Demonstrate knowledge of the development of characteristic forms or styles of expression during different periods of American history.</p> <p>CO4- Analysis the trend of American Literature from time to time.</p> <p>CO5- Evaluate literary works as expressions of individual or communal values within the social, political, cultural, or religious contexts of different literary periods of America.</p> <p>CO6- Organize knowledge about American literature and its cultural themes.</p>
MENP-107	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p>

		CO6- Use of visual, audio and audio-visual materials to support the presentation.
MENC-201	William Shakespeare	<p>CO1- Develop the aesthetic taste for Shakespearean classics.</p> <p>CO2- Familiarize with the Elizabethan spirit and the movements prevalent during the age.</p> <p>CO3- Display the trend of American Literature from time to time.</p> <p>CO4- Determine the characteristics of tragedies and comedies written by Shakespeare.</p> <p>CO5- Enhance the critical understanding of the genre of drama.</p> <p>CO6- Understand the techniques and styles his writing.</p>
MENC-202	Eighteenth Century Literature	<p>CO1- Introduce the political, religious, social and cultural milieu during the period.</p> <p>CO2- Assess the conventional style that the writers of the age employed in their works.</p> <p>CO3- Introduce works of different authors and their styles</p> <p>CO4- Focus on the history, growth and development of the dominant genres of the age.</p> <p>CO5- Explain an in-depth understanding of the texts prescribed for the detailed study.</p> <p>CO6- Understand concepts that facilitate critical reading of the textual material</p>

MENC-203	Literary Criticism –Ii	<p>CO1- To identify major theoretical/critical movements and theorists.</p> <p>CO2- To analyze and interpret literature based on the Criticism.</p> <p>CO3- To apply specific theoretical concepts, theories and terms to literary texts.</p> <p>CO4- To strengthen critical reading and writing.</p> <p>CO5- To deepen critical practices.</p> <p>CO6- To explain development of contemporary theory and criticism</p>
: MENC-204	English Romantic Poetry	<p>CO1- Understand the features of romantic poetry.</p> <p>CO2- Explore the significance of the romantic spirit in English literature.</p> <p>CO3- Explain the different types of odes.</p> <p>CO4- Render sublime experience of Romanticism.</p> <p>CO5- Analyze the texts in the light of the romantic critical movement.</p> <p>CO6- Describe different elements of poetry.</p>
MENC-205	Nineteenth Century Literature	<p>CO1- Display the trend of the writing of this period.</p> <p>CO2- Introduce poems, prose and drama of the period.</p> <p>CO3- Determine how politics of the time influence literary works and vice versa.</p> <p>CO4- Understand the development of fiction in England from the close of the eighteenth Century.</p> <p>CO5- Evaluate various constructions of identity, such as age, sexuality, class, and region.</p> <p>CO6- Make them analyzed in the light of the trend of the period.</p>
MENC-206	Indian Writing In English	<p>CO1- Explore the fiction adopted by Indian writers in English.</p>

		<p>CO2- Explain the pluralistic aspects of Indian culture and identity.</p> <p>CO3- Summarize the texts that reflect a range of historical, cultural and aesthetic values.</p> <p>CO4- To Evaluate various constructions of identity in Indian writing in English.</p> <p>CO5- Tag the relevant social and political contexts.</p> <p>CO6- Understand artistic and innovative use of language by writers.</p>
MENP-207	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MENC-301	Twentieth Century Poetry	<p>CO1- List the best examples of poetry in 18th century to realize the beauty of English.</p> <p>CO2- Explain works of different poets and their styles.</p> <p>CO3- Demonstrate the works of this period.</p> <p>CO4- Differentiate various elements of poetry such as form, figures of speech and symbolism etc.</p> <p>CO5- Appraise poetry as a literary art form.</p> <p>CO6- Investigate thorough with the main poets and their works of the literary</p>

		period.
MENC-302	Indian Texts And Poetics	<p>CO1- List ideas and the ways in which translations reflect cultural and aesthetic values, placing due to emphasis upon their discursive potential in the contemporary times.</p> <p>CO2- Explain the issue of intervention of translation.</p> <p>CO3- Interpret knowledge about the Indian culture and ancient literature.</p> <p>CO4- Use of language in Indian English texts.</p> <p>CO5- Evaluate thematic concerns and trends in Indian writing in English.</p> <p>CO6- Express the best samples of Indian text in translated form.</p>
MENC-303	Literary Criticism-Iii	<p>CO1- List critical practices.</p> <p>CO2- Identify major theoretical/critical movements and theorists.</p> <p>CO3- Interpret literature based on the Criticism.</p> <p>CO4- Explain critical reading and writing.</p> <p>CO5- Evaluate and analyze strengths and limitations of critical/ theoretical arguments.</p> <p>CO6- Investigate author's work by summarizing, interpreting and exploring its value.</p>
MENE-304 (a)	Commonwealth Literature	<p>CO1- Memorize the postcolonial traits of the literary works that come under Commonwealth literature.</p> <p>CO2- Understand significance and resonance of Commonwealth Literature.</p> <p>CO3- Explain the literary works under Commonwealth Literature as a part of English Literature.</p> <p>CO4- Compare the relevance of the works in the light of globalization.</p> <p>CO5- Evaluate the postcolonial traits of the</p>

		<p>literary works of the periods.</p> <p>CO6- Investigate the postcolonial aspects of the literary translated works from Commonwealth nations.</p>
MENE-304 (b)	Translation Studies	<p>CO1- Develop practical skills in translations.</p> <p>Promote an understanding of cultural differences the consequent difficulties for translators and strategies for their solutions.</p> <p>CO3- Develop original and creative responses to translation problems and issues.</p> <p>CO4- Develop skills in the comparison and evaluation of translations.</p> <p>CO5- Demonstrate a critical understanding of main translation theories, concepts and principal.</p> <p>CO6- Apply knowledge, skills and understanding in using a significant range of the principal professional skills, techniques, practices and materials associated with the subject.</p>
MENE-304 (c)	Research Methodology	<p>CO1- Recall literature to understand how others have approached or dealt with the problem.</p> <p>CO2- Understand collected data or material in an organized and controlled manner so as to arrive at valid decisions.</p> <p>CO3- Explain key research concepts and issues.</p> <p>CO4- Classify the techniques and methods of research.</p> <p>CO5- Distinguish proper research methods pertinent to English studies and related fields.</p> <p>CO6- Formulate their own research questions and write research papers.</p>
MENE-305 (a)	World Classics In Translation	<p>CO1- Recall primarily on translated works written by world writers.</p>

		<p>CO2- Develop critical skills in application of key concepts and theories to translational forms.</p> <p>CO3- Determine cultural differences, the consequent difficulties for translators and strategies for their solution.</p> <p>CO4- Demonstrate familiarity with the primary forms of Classical Literature.</p> <p>CO5- Describe critically and in a socio-historical context some of those texts and forms.</p> <p>CO6- Express the importance of Classical Literature in the formation of Western civilization.</p>
: MENE-305 (b)	European Literature In Translation	<p>CO1- Define the Europe's best fictions in translation.</p> <p>CO2- Explain a broad vision of life by making the students to come to grips with universal problems and varied life situations.</p> <p>CO3- Explain classics in translation in various genres.</p> <p>CO4 Discuss spirit of enquiry and further exploration.</p> <p>CO5- Appraise the classics and their historical contexts</p> <p>CO6- Investigate the stylistic differences between the classics and the other works.</p>
MENE-306 (a)	Modern Indian Writing	<p>CO1- Remembering the various phases of the evolution of Indian writing in English.</p> <p>CO2- Explain the thematic concerns, genres and trends of Indian writing in English.</p> <p>CO3- Analyze how effectively the Indian identity, both individual and collective, is represented through English language.</p> <p>CO4- Demonstrate historical, geographic, and cultural empathy by reading texts.</p>

		<p>CO5- Evaluate Indian Writing in English in modern perspective.</p> <p>CO6- Express the history of Modern Indian Writing through texts.</p>
MENE-306 (b)	Indian Literature In Translation	<p>CO1- Focus on translated works written by Indian writers from different languages.</p> <p>CO2- Understand and develop translation skills.</p> <p>CO3- Explain some great writers from other languages with the help of translation.</p> <p>CO4- Illustrate translation skills.</p> <p>CO5- Evaluate Indian culture and history through prescribed texts.</p> <p>CO6- Create interest towards Indian Literature.</p>
MENS-307 (SELF-STUDY)	Dalit Studies	<p>CO1- List the real situation of dalits in the society.</p> <p>CO2- Describe movement toward a new kind of literary and social history</p> <p>CO3- Explore social and cultural consciousness with regard to the need for liberation and change.</p> <p>CO4- Examine histories of struggles for human dignity and caste discrimination.</p> <p>CO5- Defend a society based on equality.</p> <p>CO6- Formulate the caste question and reassesses the significance of colonialism.</p>
MENP-308	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyze and appreciate diverse and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary;</p>

		<p>demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MENC-401	Twentieth Century Drama	<p>CO1- List and analyze different play writers and their styles.</p> <p>CO2- Analyze the dramatic changes that took place in twentieth century British, American and European drama.</p> <p>CO3- Explain the main play writers and their works of the literary period.</p> <p>CO4- Relate the impact of historical, political, social and cultural events of the century on its literature.</p> <p>CO5- Apply critical approach to literary works.</p> <p>CO6- Develop an understanding of literary terms and literary theories of dramas that evolved during the period.</p>
MENC-402	Colonial/Postcolonial Literature And Theory	<p>CO1- Remember the issues and themes in Postcolonial literature</p> <p>CO2- Explain the theory of post colonialism/ Post colonialism</p> <p>CO3- Interpret literature based on the theory.</p> <p>CO4- Examine literary concepts of post colonialism.</p> <p>CO5- Draw on diverse and relevant sources for studying literary texts.</p> <p>CO6- Investigate how language has borne the politics of the colonizer.</p>
MENC-403	Modern Critical Thoughts	<p>CO1- Recognize the major arguments underlying critical writings.</p> <p>CO2- Interpret literature based on the Criticism.</p> <p>CO3- Explore criticism and its terms.</p> <p>CO4- Analyze and provide the opportunity for</p>

		<p>context setting.</p> <p>C05- Examine how literary criticism shapes literature and culture across centuries.</p> <p>C06- Investigate critical perspectives to history of different countries.</p>
MENE-404 (a)	Literature Of Indian Diaspora	<p>C01- To identify the sources of literature on Indian Diaspora and review them.</p> <p>C02- To explore immigration, Diaspora and transnational's studied in the context of Indian Diaspora.</p> <p>C03- To analyze the literary trends prevalent in various genres of the age.</p> <p>C04- To explore the literature of the age and appreciate the literary, social, historical and cultural significance of the literary works of the age.</p> <p>C05- To understand the historical background of international migration.</p> <p>C06- Evaluate, compare and critique various writers and texts.</p>
MENE-404 (b)	Special Study Of Authors	<p>C01- List author's diction, style and credo.</p> <p>C02- Analyse texts within their social, political and cultural context.</p> <p>C03- Explore the reading skills and critical thinking skills.</p> <p>C04- Explain analytical and critical awareness with different literary texts.</p> <p>C05- Acquire extensive knowledge about the author studied and about his/her works.</p> <p>C06- Develop a thorough understanding of the author, his/her life and his/her style.</p>
MENE-405 (a)	African And Afro-American Literature	<p>C01- Define different cultural backgrounds and regions.</p> <p>C02- Understand and familiar with American and African Literature.</p> <p>C03- Explore the social life and style of the people from Africa and America.</p> <p>C04- Explain the conditional aspect of</p>

		<p>equality and the factors of race, gender and social inequity.</p> <p>CO5- Appraise theme of Colonialism, Liberation, Nationalism and rootless.</p> <p>CO6- Classify the culture of American and African Literature.</p>
MENE-405 (b)	Literature And Gender	<p>CO1- Memorize the concepts of class, race and gender as social constructs and interrelated throughout women's lives.</p> <p>CO2- Describe the plurality of female experience.</p> <p>CO3- Equip with analytical, critical and creative skills to interrogate the biases in the construction of gender and patriarchal norms.</p> <p>CO4- Analyze feminism and its phases.</p> <p>CO5- Demonstrate the relevance of gender issues to study of literature.</p> <p>CO6- Apply theoretical frameworks of feminism, gender and sex studies.</p>
MENE-405 (c)	Literature And Caste	<p>CO1- Discuss issues of caste, class and gender and its representation in literature</p> <p>CO2- Expose the student to non-hegemonic and non-canonical literary forms and expressions.</p> <p>CO3- Interpret the reality of caste, in society.</p> <p>CO4- Explore completely different literary aesthetic that a literature grounded in an engagement with caste generates.</p> <p>CO5- Critique the rich variety of Dalit writing from various regional spaces.</p> <p>CO6- Develop and explore the way in which caste system has been engaged within the field of literature.</p>
MENC-406	Dissertation	<p>CO1- Cultivate an urge for research.</p> <p>CO2- Integrate writing and thought and to apply the conventions of academic writing correctly.</p>

		<p>CO3- Classify different research methods.</p> <p>CO4- Construct their research papers and projects.</p> <p>CO5- Apply knowledge and understanding in relation to the agreed area of study.</p> <p>CO6- Develop their writing skills.</p>
MENP-407	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>

M.A. PSYCHOLOGY

Program Specific Outcome (PSO)

PSO 1	Enhance the understanding of fundamental psychological concepts and theories, with a focus on applying them to address real-world challenges and societal issues.
PSO2	Develop a strong theoretical foundation enriched with practical skills, incorporating the latest advancements in the field of psychology to prepare students for applied settings.
PSO3	Expand knowledge and promote the application of psychological principles in practice, fostering a dynamic relationship between academic learning and societal engagement.
PSO4	Equip students to approach psychology with a creative, scientific, and ethical mindset, integrating both quantitative and qualitative research methodologies for a holistic understanding.

Course Outcome (CO)

Course Code	Subject Name	Course Outcomes
MPYC101	Cognitive Psychology	<p>CO1- Acquire in-depth information on general cognitive processes and behaviours.</p> <p>CO2- Explain the cognitive processes in light of modern theories & models.</p> <p>CO3- Apply the understanding of cognitive principles and processes to various hypothetical and real-world situations.</p> <p>CO4- Analyse cognitive processes using scientific methods.</p> <p>CO5- Evaluate the varied perspectives on high-level brain processing.</p> <p>CO6- Develop a thorough understanding of the mind to better comprehend both ourselves and those around us.</p>
MPYC102	Theories of Personality	<p>CO1- Recognize the concepts of personality.</p> <p>CO2- Explain the various theoretical approaches of Personality.</p> <p>CO3- Apply the theoretical concepts to comprehend personality types and to promote one's own personal development.</p> <p>CO4- Analyse the theories of personality.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of personality</p> <p>CO6- Develop the clear understanding of personality.</p>
MPYC103	Research Methodology and Design	<p>CO1- Memorize the concept of psychological research</p> <p>CO2- Explain the fundamentals of psychological research, research processes and research designs.</p> <p>CO3- Apply the understanding of the research designs and techniques in psychological research.</p>

		<p>C04- Assess methodological designs and choose the best analytical approaches for the research.</p> <p>C05- Evaluate the different research designs to formulate the efficient psychological research.</p> <p>C06- Develop research based knowledge to be beneficial in the study of human behaviours.</p>
MPYC104	Psychological Statistics -I	<p>C01- Introduce the fundamentals of statistical methods.</p> <p>C02- Explain the concepts of statistical methods.</p> <p>C03- Apply appropriate statistical methods in psychological research.</p> <p>C04- Analyse different techniques of statistical analysis to derive inferences and conclusions.</p> <p>C05- Evaluate different statistical methods used in psychological research.</p> <p>C06- Develop critical thinking in order to use the appropriate statistical analysis in psychological research.</p>
MPYC105	Physiological Psychology	<p>C01- Recognize the composition and functions of the central nervous system.</p> <p>C02- Explain the concepts, functions and methods of physiological psychology.</p> <p>C03- Apply the concepts and findings to real-world situations and to your own physiology and behaviour.</p> <p>C04- Assess the connections between the various areas within the framework of the nervous system's overall structure.</p> <p>C05- Evaluate the methods of studying physiological psychology.</p> <p>C06- Develop the knowledge and understanding of physiological psychology.</p>

MPYL106	Psychology Practical	<p>CO1- Memorize the concepts of psychology through practicals.</p> <p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
MPYP107	Seminar	<p>CO1- Identify the opportunities for professional development.</p> <p>CO2- Understand and enhance critical thinking and analytical skills to evaluate research, theories and empirical evidence related to the chosen topic.</p> <p>CO3- Apply the knowledge of psychological concepts to real –world situations.</p> <p>CO4- Analyse and appreciate diverse perspectives and contributions within the field of psychology.</p> <p>CO5- Evaluate the various perspectives of the chosen topic to provide comprehensive understanding.</p> <p>CO6- Develop the presentation skills and proficiency in presenting scholarly papers.</p>
MPYC201	Advanced Social Psychology	<p>CO1- Recognize the important elements of social behaviour that form the basis of human relationships</p> <p>CO2- Explain and discuss the various concepts of social psychology.</p> <p>CO3- Apply the evolution of modern scientific</p>

		<p>psychology to a variety of domains.</p> <p>C04- Analyse the fundamentals of social psychology in real life situation.</p> <p>C05- Evaluate the concepts, approaches, methods of social psychology.</p> <p>C06- Develop a scientific perspective when understanding about and interpreting human behaviour.</p>
MPYC202	Psychological Statistics –II	<p>C01- Introduce the fundamentals of inferential statistics.</p> <p>C02- Explain the concepts and numerical calculations of Parametric and non parametric statistical tests.</p> <p>C03- Apply appropriate statistical methods in psychological research.</p> <p>C04- Analyse different techniques of statistical analysis to derive inferences and conclusions.</p> <p>C05- Evaluate different statistical methods used in psychological research.</p> <p>C06- Develop their statistical understanding to reach a solution in a reasonable way.</p>
MPYC203	Cognitive Aging	<p>C01- Recognize the basics of Psychology of aging.</p> <p>C02- Explain the changes occur during aging and various theories of aging.</p> <p>C03- Apply the understanding of aging concepts to deal real life situation</p> <p>C04- Analyse the influence of aging on cognitive processes.</p> <p>C05- Evaluate the theoretical issues and the changes that occur during aging.</p> <p>C06- Develop the ability to deal with changes that occur during aging.</p>
MPYC204	Behavioural Disorder	<p>C01- Identify the concept of abnormality and recognize various psychological disorders.</p> <p>C02- Explain the clinical features, causes, and treatment</p>

		<p>for psychological disorders.</p> <p>C03- Apply different models of psychopathology for the treatment of psychological disorders.</p> <p>C04- Illustrate the different treatment techniques for mental disorders</p> <p>C05- Summarize the diagnosis and treatment of various psychological disorders.</p> <p>C06- Develop the abilities and skills to identify, diagnose and treat the psychological disorders.</p>
MPYC205	Psychology of Adolescence	<p>C01- Educate about the fundamentals of Psychology of Adolescents</p> <p>C02- Describe the developmental changes that occur during adolescence.</p> <p>C03- Apply the understanding of psychology of adolescence to deal real life situations.</p> <p>CO: Analyse the changes in various developmental areas during adolescence period.</p> <p>C05- Evaluate the changes and development during adolescence.</p> <p>C06- Develop the ability to investigate the developmental changes.</p>
MPYL206	Psychology Practical	<p>C01- Memorize the concepts of psychology through practicals.</p> <p>C02- Explain the psychological concept related with the practical.</p> <p>C03- Apply the knowledge of psychological concepts through experiments and test.</p> <p>C04- Analyse and interpret the results of the psychological tests and experiments.</p> <p>C05- Evaluate the importance of psychological tools and tests.</p> <p>C06- Develop the skill regarding conduction and documentation of psychological experiments and</p>

		tests.
MPYP207	Scientific Research Paper	<p>CO1- Identify the research problem to facilitate the research process.</p> <p>CO2- Understand the scientific research process including formulating research questions, hypothesis, designing studies, collecting data and analysing result.</p> <p>CO3- Apply the appropriate research methodology in the context of their research problem.</p> <p>CO4- Analyse the collected data using appropriate statistical methods.</p> <p>CO5- Evaluate the importance of peer review process.</p> <p>CO6- Develop the effective academic writing skills and understand the APA (American Psychological Association) style guidelines for formatting and referencing the research paper.</p>
MPYC301	Health Psychology	<p>CO1- Identify the fundamentals of health psychology.</p> <p>CO2- Explain the models & approaches of health, prevention of disease and management of health problems.</p> <p>CO3- Apply the knowledge of health psychology in prevention and management of health.</p> <p>CO4- Analyze the Preventive, promotive and curative aspects of health</p> <p>CO5- Evaluate the approaches and models of health.</p> <p>CO6- Develop the knowledge about different techniques of prevention and management of health.</p>
MPYC302	Positive Psychology	<p>CO1- Identify the terms of positive psychology.</p> <p>CO2- Explain the concepts, principles and theories of positive psychology</p> <p>CO3- Apply the understanding of positive psychology to promote wellbeing.</p> <p>CO4- Analyse the knowledge of positive psychology in</p>

		<p>real life situations.</p> <p>CO5- Evaluate the conceptual knowledge and perspectives on positive psychology.</p> <p>CO6- Develop the understanding about positive self and relationships.</p>
MPYC303	Psychometrics	<p>CO1- Recognize the fundamentals of psychological testing.</p> <p>CO2- Explain the concepts, ethical issues and steps of test construction.</p> <p>CO3- Apply the psychological tests in different settings.</p> <p>CO4- Analyze the efficiency of various psychological tests in real life situations.</p> <p>CO5- Evaluate the conceptual knowledge of psychometrics and test construction.</p> <p>CO6- Develop the skill and ability to use the knowledge of psychometrics and test construction to construct the psychological test.</p>
MPYE304a	Introduction to Clinical Psychology	<p>CO1- Identify the historical roots of Clinical Psychology.</p> <p>CO2- Understand the nature of the discipline and differentiate between clinical psychology and other mental health professions.</p> <p>CO3- Apply the knowledge of Historical perspective of clinical psychology for further better understanding of this field.</p> <p>CO4- Analyze the various components of clinical assessment.</p> <p>CO5- Evaluate the effectiveness of different therapeutic interventions.</p> <p>CO6- Create a comprehensive intervention plan, integrating multiple therapeutic approaches.</p>
MPYE305a	Clinical Assessment	<p>CO1- Introduce the fundamentals of Clinical assessment and Diagnosis.</p>

	and Diagnosis	<p>CO2- Explain the basic elements of clinical assessment, classification of mental disorders, situating disorders and assessment & diagnosing tools.</p> <p>CO3- Apply the understanding of clinical assessment for diagnosing mental disorder.</p> <p>CO4- Analyze the conceptual knowledge for assessment and diagnosis of mental disorders.</p> <p>CO5- Evaluate the concepts, models and tools of clinical assessment and diagnosis.</p> <p>CO6- Develop the ability to use the knowledge of clinical assessment and diagnosis in the field of clinical psychology.</p>
MPYE304b	Organizational Behaviour	<p>CO1- Identify the fundamentals, models and trends of organizational behaviour.</p> <p>CO2- Describe the basic concepts of Industrial/Organizational psychology and organizational behaviour.</p> <p>CO3- Apply the concepts for developing and maintaining Organizational culture.</p> <p>CO4- Analyse the concepts and theoretical frameworks that can be used to improve an organization's effectiveness and efficiency;</p> <p>CO5- Evaluate the concept, models and theories of organizational behaviour.</p> <p>CO6- Develop the ability to use the conceptual knowledge to maintain organizational culture.</p>
MPYE305b	Organizational Development and Change	<p>CO1- Recognize the applications of models and theory from the behavioural sciences to plan organisational development and growth.</p> <p>CO2- Explain the management and interventions strategies for organizational development & management and evaluation of change.</p> <p>CO3- Apply the conceptual knowledge for development</p>

		<p>of organization and management and evaluation of organizational change.</p> <p>C04- Analyze the understanding of Organizational development and change in real life settings.</p> <p>C05- Evaluate the concept and theories of organizational development and change.</p> <p>C06- Develop one's capacity for management and coping with and navigating change in one's circumstances in the organization.</p>
MPYE304c	Fundamentals of Counselling	<p>C01- Recognize the counselling concepts and theories.</p> <p>C02- Explain the counselling concepts, ethical considerations and the methods and approaches of counselling.</p> <p>C03- Apply the counselling skills to deal with issues of different areas.</p> <p>C04- Examine the counselling profession, particularly in the context of India.</p> <p>C05- Evaluate the approaches of counselling.</p> <p>C06- Develop the qualities and attributes required to be an effective counsellor.</p>
MPYE305c	Counselling Process	<p>C01- Recognize the fundamentals of counselling process.</p> <p>C02- Explain the process of counselling and ethical issues of counselling.</p> <p>C03- Apply the fundamentals of counselling process to facilitate the counselling</p> <p>C04- Analyze the effectiveness of counselling process.</p> <p>C05- Evaluate the importance of each stage of counselling.</p> <p>C06- Develop the essential skills required to be an effective counsellor.</p>
MPYL 306a/	Psychology Practical	<p>C01- Memorize the concepts of psychology through practicals.</p>

306b / 306c		<p>CO2- Explain the psychological concept related with the practical.</p> <p>CO3- Apply the knowledge of psychological concepts through experiments and test.</p> <p>CO4- Analyse and interpret the results of the psychological tests and experiments.</p> <p>CO5- Evaluate the importance of psychological tools and tests.</p> <p>CO6- Develop the skill regarding conduction and documentation of psychological experiments and tests.</p>
MPYP 307a	Internship in Clinical setting	<p>CO1- Identify the opportunities to enhance personal & professional growth.</p> <p>CO2- Understand the ethical guidelines and professional standards in clinical and mental health setup.</p> <p>CO3- Apply the knowledge of psychological concepts to mental health set up. .</p> <p>CO4- Analyse the cultural diversity and sensitivity in working with clients or patients.</p> <p>CO5- Evaluate and interpret the result of psychological assessment.</p> <p>CO6- Develop and refine professional skills required to address psychological challenges and issues.</p>
MPYP 307b	Internship in organizational/ industrial setting	<p>CO1- Identify the opportunities to enhance personal & professional growth.</p> <p>CO2- Understand the ethical guidelines and professional standards in an organization set-up.</p> <p>CO3- Apply the concepts of psychology in organization/industry set-up.</p> <p>CO4- Analyse the cultural diversity and sensitivity in working with clients.</p> <p>CO5- Evaluate and interpret the result of psychological assessment.</p>

		CO6- Develop and refine professional skills required to address psychological challenges and issues.
MPYP 307c	Internship in community setting	<p>CO1- Identify the opportunities to enhance personal & professional growth.</p> <p>CO: Understand the ethical guidelines and professional standards in community centers.</p> <p>CO3- Apply the concepts of counselling psychology in community care set-up.</p> <p>CO4- Analyse the cultural diversity and sensitivity in working with clients or patients.</p> <p>CO5- Evaluate the applications of various counselling skills and strategies.</p> <p>CO6- Develop and refine professional skills required to address psychological challenges and issues.</p>
MPYC401	Indian Psychology	<p>CO1- Recognize the roots & concepts of Indian psychology development.</p> <p>CO2- Explain the fundamentals of Indian psychology, indian thought & tradition and psychological perspectives of Indian psychology.</p> <p>CO3- Apply the concept of Indian psychology in the management of mental health, social conflicts and increasing value based education.</p> <p>CO4- Analyze the importance of the understanding of Indian psychology in present scenario.</p> <p>CO5- Evaluate the concepts of indian thought and tradition & major psychological perspectives of Indian Psychology.</p> <p>CO6- Develop the knowledge about Indian Psychology.</p>
MPYC402	Developmental Competencies and Challenges	<p>CO1- Recall the key stages of psychological development across the lifespan.</p> <p>CO2- Explain the role of heredity, environment, and neuropsychological factors in the origin of developmental pathologies.</p>

		<p>CO3- Apply knowledge of developmental pathologies to analyze case studies involving neuropsychological factors in developmental problems.</p> <p>CO4- Analyze different neurodevelopmental disorders and their impact on an individual's cognitive and emotional development.</p> <p>CO5- Evaluate the influence of social disadvantage, attachment issues, and identity crisis on adolescents' behaviour.</p> <p>CO6- Develop intervention strategies to address developmental challenges.</p>
MPYC403	Community Mental Health	<p>CO1- Recognize the fundamentals of community mental health.</p> <p>CO2- Explain the concepts, theories, social dimensions and preventive approach of community mental health.</p> <p>CO3- Apply preventive approach and strategies for improving community mental health.</p> <p>CO4- Analyze the importance of study community mental health in present scenario.</p> <p>CO5- Evaluate the theories and researches of community mental health.</p> <p>CO6- Develop a community mental health intervention.</p>
MPYE404a	Psychotherapeutic Interventions	<p>CO1- Identify the fundamentals of psychotherapeutic intervention.</p> <p>CO2- Explain the Psychoanalytic, Phenomenological & Humanistic and Behavioural and Interpersonal therapy and its techniques</p> <p>CO3- Apply the psychotherapeutic intervention strategies for treating mental health issues.</p> <p>CO4- Analyze the importance of different psychotherapeutic intervention for treating mental health disorders.</p>

		<p>CO5- Evaluate various psychotherapeutic intervention strategies.</p> <p>CO6- Develop the skill to use the psychotherapeutic intervention for the treatment of psychological disorders.</p>
MPYE405a	Developmental Disorders	<p>CO1- Recognize the various developmental disorders.</p> <p>CO2- Explain the Clinical picture, etiology, assessment, and intervention strategies of the developmental disorders.</p> <p>CO3- Apply the knowledge of developmental disorders to understand the issues with children.</p> <p>CO4- Analyze the different impairment areas and developmental issues.</p> <p>CO5- Evaluate the role of family and parenting in raising the children with impairment.</p> <p>CO6- Develop awareness about the various problems and difficulties associated with integrating children with developmental disabilities into society.</p>
MPYE404b	Human Resource Management	<p>CO1- Recognize the role and function of Human resource management.</p> <p>CO2- Explain the fundamental concepts, strategies and training for Human resource management.</p> <p>CO3- Apply the understanding of Human resource management in career development.</p> <p>CO4- Analyze the issues & challenges with human resources in organisations.</p> <p>CO5- Evaluate the job satisfaction and importance of human resource planning, training and development</p> <p>CO6- Create a foundation for supporting organisations in resolving human resource challenges.</p>

MPYE405b	Personnel Psychology	<p>CO1- Identify the fundamentals and current trends in personnel psychology.</p> <p>CO2- Explain the systems view of personnel psychology, Job Analysis and recruitment & personnel selection methods.</p> <p>CO3- Apply the understanding of personnel psychology in organizational setup.</p> <p>CO4- Analyze the current practices & emerging trends of personnel psychology</p> <p>CO5- Evaluate the concepts and theories of personnel psychology.</p> <p>CO6- Develop the ability to use the personnel psychology concepts in working set up.</p>
MPYE404c	Counselling Skills	<p>CO1- Recognize the fundamentals of counselling skills.</p> <p>CO2- Explain the basic counselling skills, communication skills and exploration & action skills of counselling.</p> <p>CO3- Apply the counselling skills and managing skills for managing resistance and other obstacles in counselling.</p> <p>CO4- Analyze the counselling skills to facilitate the effectiveness of counselling process.</p> <p>CO5- Evaluate the importance of counselling skills.</p> <p>CO6- Develop the essential skills required to be an effective counsellor.</p>
MPYE405c	Guidance and Career Counselling	<p>CO1- Identify the fundamentals of guidance and Career Counselling</p> <p>CO2- Explain the stages, theories and types of career counselling.</p> <p>CO3- Apply the fundamentals of guidance and career counselling at various school levels.</p> <p>CO4- Analyze the the effectiveness of guidance and career counselling in present trends.</p>

		<p>CO5- Evaluate the importance of guidance and career counselling.</p> <p>CO6- Develop the essential skills required to be an effective career counsellor.</p>
MPYL 406a/ 406b/ 406c	Dissertation/ Project	<p>CO1- Identify an appropriate research problem in the field of clinical psychology.</p> <p>CO2- Explain the research problem and relevant literature review.</p> <p>CO3- Apply an appropriate methodology while conducting research.</p> <p>CO4- Analyse the result using appropriate statistical technique.</p> <p>CO5- Justify the hypothesis.</p> <p>CO6- Design an original and ethical research.</p>
MPYS407	Environmental Psychology	<p>CO1- Identify the fundamentals of environmental psychology.</p> <p>CO2- Explain the concept of environment and behaviour, ecology and development, psychological approaches of environment and methods to assess the environment.</p> <p>CO3- Apply the understanding of environmental psychology to deal with the environmental deprivation.</p> <p>CO4- Analyze the importance of ecology and sustainable development.</p> <p>CO5- Evaluate the effects of ecological deterioration</p> <p>CO6- Develop the environmental ethics and awareness.</p>

M.A. ECONOMICS

Program Specific Outcome (PSOs)

PSO1	Explain the economic theories, and their application in real world and contemporary issues Related to regional, national and international levels.
PSO2	Understand the crucial economic policies and their role in pursuing the objectives of Demography, Growth Development and Stability, labour Economics and many other branches of Economics.
PSO3	Explicate Gender economics; Monetary economics; Economics of human development; Public Finance, Micro economics, Macro Economics; Quantitative, Mathematical, and Statistical Tools for construction of Economic Model.
PSO4	Identify the concept of Environmental economics, Development Planning, labour economics, History of economic thought, Demography and Agricultural Economics.

Course Outcome (CO)

Course Code	Course Name	Outcome
MECC101	Micro economics-I	CO1- Define different consumer behavior theories, Hicks and Slutsky effect. CO2- Explain Elasticity of Demand. CO3- Explain recent development in demand, equilibrium in demand and supply. CO4- Illustrate the law of variable proportion and cost function CO5- Conclude the cost and revenue analysis. CO6- Write about the firm equilibrium and explain different theories of firm.
MECC102	International Economics	CO1- Recall the different concept and theories of international trade. CO2- Describe modern theories of international trade CO3- Explain the effects of economic growth on international trade CO4- Analyse the gains from trade and their distribution. CO5- Conclude the terms of trade, their uses and Limitation. CO6- Express the effect of tariffs, Quotas on National Income output and Employment..
MECC103	Gender Economics	CO1- Define the demography of female population , causes of declining sex ratios and fertility rates in India CO2- Describe the educational, health status of women's and Women empowerment in India.

		<p>CO3- Explain the female work participation in different sectors.</p> <p>CO4- Illustrate the role of voluntary organizations and self help group in women empowerment.</p> <p>CO5- Evaluate the various government policies for Women Empowerment.</p> <p>CO6- Write about the gender sensitization.</p>
MECC104	Macro Economics – I	<p>CO1- Explain the major issues of macroeconomics and national income.</p> <p>CO2- Describe the theory of Income and employment in Macro Economics.</p> <p>CO3- Apply the consumption function concept and theory.</p> <p>CO4- Illustrate the investment functions and multiplier</p> <p>CO5- Evaluate the macroeconomic equilibrium and AS-AD model.</p> <p>CO6- Write the interaction of multiplier and accelerator.</p>
MECC105	Monetary Economics – I	<p>CO1- Define Meaning, nature, functions, role of money and monetary standards.</p> <p>CO2- Describe the supply of money and money multiplier.</p> <p>CO3- Explain the different concept of demand for money theory.</p> <p>CO4- Illustrate the credit policy instruments of RBI and other monetary measures.</p> <p>CO5- Evaluate the effectiveness of monetary policy.</p> <p>CO6- Write about the credit creation by Commercial Banks and credit multiplier</p>
MECC106	Indian Economic Policies	<p>CO1- Define the Economic Planning Process in India and five years plans.</p> <p>CO2- Describe the Indian Economic Policies.</p> <p>CO3- Explain the recent economic reforms in agricultural and industrial sectors, financial markets.</p> <p>CO4- Classify the different policies and programmes deal with Economic Problem</p> <p>CO5- Illustrate the impact of MNREGA, SGRY, VDIS and Demonetization.</p> <p>CO6- Write about the LPG and PURA.</p>
MECC-107	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p>

		<p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MECC201	Micro Economics-II	<p>CO1- Define the Theory of game, Different markets and welfare economics.</p> <p>CO2- Describe the Pricing and output determination in Duopoly and Oligopoly</p> <p>CO3- Explain about welfare economics and its application in Indian economic policies.</p> <p>CO4- Compare the different model their pricing and output determination.</p> <p>CO5- Conclude the role of distribution and interest theories in economy.</p> <p>CO6- Write about different aspects of markets.</p>
MECC202	International Finance and Policy	<p>CO1- Familiar with the concepts of balance of trade, balance of payments and International economic Organisation.</p> <p>CO2- Describe the International economic Organisation.</p> <p>CO3- Explain the theory of balance of Payment, policies for internal and external market.</p> <p>CO4- Conclude the role of Exchange and Foreign exchange market.</p> <p>CO5- Evaluate the role of WTO, TRIPS, TRIMS, GATS and their impact on the different sectors of Indian Economy.</p> <p>CO6- Write the recent EXIM Policy and role of MNC in India.</p>
MECC203	Quantitative Methods and Statistical Analysis	<p>CO1- Define the statistics correlation, regression, time series and index numbers.</p> <p>CO2- Describe the correlation and regression.</p> <p>CO3- Explain the time series and index numbers.</p> <p>CO4- Illustrate the statistics and related concepts, dispersion and skewness.</p> <p>CO5- Evaluate the role of Mathematics in Economic theory and its Limitations.</p> <p>CO6- Express the matrix and determinants.</p>
MECC 204	Macro economics-II	<p>CO1- Identify the different concepts of macroeconomics, Inflation, IS-LM model, business cycles and model.</p> <p>CO2- Understand the classical, Keynesian and post Keynesian approaches.</p> <p>CO3- Explain the theory of inflation and Philips curve in short run and Long Run.</p> <p>CO4- Illustrate the IS-LM model, fiscal and monetary policy analysis.</p>

		<p>CO5- Conclude different theories of business cycles with current aspect.</p> <p>CO6- Express the control of business cycles and relative effectiveness of monetary and fiscal policies.</p>
MECC205	Economics of Human Development	<p>CO1- Describe the concepts and indicators of Human Development.</p> <p>CO2- Understand the human development of sustainable development goal and strategies index.</p> <p>CO3- Illustrate Trends, pattern of education, financing in the five year plans and sources.</p> <p>CO4- Analyse the strategies for improving education and employment.</p> <p>CO5- Evaluate the major indicators of latest (NFHS-4).</p> <p>CO6- Write about the various Human Development indicators.</p>
MECC206	Research Methodology	<p>CO1- Define the appropriate research designs in carrying out research.</p> <p>CO2- Describe systematic collection of data.</p> <p>CO3- Demonstrate knowledge about scientific inquiry in social science research.</p> <p>CO4- Illustrate data using different methods and analyze them for inference.</p> <p>CO5- Decide the appropriate use of computer for research work.</p> <p>CO6- Plan Hypothesis formulation and testing using tools like z, f, chi-square and t test</p>
MECP-207	SEMINAR	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MECC301	Public Finance	<p>CO1- Describe the different concepts of public finance debt, expenditure and Budget.</p> <p>CO2- Understand Public Expenditure and Canons of taxation.</p> <p>CO3- Explain market and different types of budget.</p> <p>CO4- Classify the Tax System and its effects.</p> <p>CO5- Evaluate the role of Government in the Economy</p>

		CO6- Write the relationship between Public Debt and Inflation
MECC 302	Demography-I	CO1- Define the meaning and different concept of Demography. CO2- Understand the concept of migration, factors affecting migration and different theories of demographic. CO3- Explain the Methodology of Demographic Research. CO4- Illustrate the relation between population growth and economic Development. CO5- Evaluate population and human development related issues. CO6- Write the growth and distribution of rural- urban population.
MECC303	Economics of Growth And Development	CO1- Describe the concept approach, different dimensions of economic growth and development CO2- Understand various models of economic growth. CO3- Explain different theories of Development CO4- Analyze the monetary and fiscal policy. CO5- Distinguish between balanced versus unbalanced growth and capital intensive versus labour intensive strategies. CO6- Write the role of agriculture, industry and foreign trade in economic development
MECE304(Effective)	Agricultural Economics-I	CO1- Describe the nature and scope of Agricultural Economics. CO2- Interpret the trends of agriculture growth. CO3- Explain the Green Revolution Achievements and failures. CO4- Classify the Problems and solutions of Public Distribution system in India. CO5- Express the Organic farming its status and future scope. CO6- Write the various land reforms and their progress.
MECE305(Effective)	Labour Economics-I	CO1- Define the Nature, scope and importance of Indian Labour Market. CO2- Describe the Nature, Characteristics, functions and Growth achievement of Trade Unions. CO3- Determine the relationship between Employment and development. CO4- Analyze the Wage determination theory and policies. CO5- Evaluate the different Wage Act and Amendments. CO6- Plan various remedial for the problems related to growth of labour and proper functioning of trade unions
MECE306(Effective)	Industrial Economics	CO1- Identify the Industrial economics concept, determination of industrial location,

		<p>Industrial finance and industrial development policy in India.</p> <p>CO2- Understand the industrial structure, factor influencing location of industries, Government policies, and approach of development for backward region.</p> <p>CO3- Explain the Industrial Finance, Financial Institutions role functions and industrial Development and policy in India.</p> <p>CO4- Analyze the private, public sector industries and industrial policies.</p> <p>CO5- Evaluate the New industrial policy role of MNC and Industrial institutions.</p> <p>CO6- Write about the infrastructural, other factors and industrial policy 1991.</p>
MECE307(Effective)	Regional Economics	<p>CO1- Remember Regional Economics Concept, definition, scope importance, Economic development, regional disparities, Economy of Uttarakhand and Human resource in Uttarakhand.</p> <p>CO2- Describe the Theories of regional development planning, regional disparities, Agriculture, Industrial pattern in Uttarakhand and Tourism in Uttarakhand economy.</p> <p>CO3- Explain the Demographic profile, Health and other infrastructural facilities Poverty and Geographical features of Uttarakhand Economy.</p> <p>CO4- Classify the regional economic issues and methods of analysis.</p> <p>CO5- Evaluate the Economic development and regional disparities in the Economy.</p> <p>CO6- List the human resource Panchayati Raj and people participation in Uttarakhand.</p>
MECE308(Effective)	Economics Of Rural Development	<p>CO1- Describe the basic concepts of Rural Development, Dimensions of rural development, Rural problems and Rural development programmes in India.</p> <p>CO2- Interpret the Nature, structure of rural sector in India Agrarian reforms, and Infrastructural development.</p> <p>CO3- Explain the Nature, magnitude, causes and remedies of Poverty, Unemployment and Indebtedness.</p> <p>CO4- Classify rural development programmes in India.</p> <p>CO5- Distinguish the problems of farm and non-farm rural employment.</p> <p>CO6- Write the Objectives, basic features and the current programmes of rural development.</p>
MECE309(Effective)	Econometrics-I	<p>CO1- Define the concept of Econometrics, Specification bias, Problem of Identification and Linear regression</p>

		<p>model.</p> <p>CO2- Explain the Economic model versus Econometric model, Simultaneous Equation Models and specification bias.</p> <p>CO3- Demonstration the Equations in a model and Problem of Identification</p> <p>CO4- Illustrate the linear regression model, full rank and translog.</p> <p>CO5- Evaluate the Measurement Errors Concepts of Dummy and Proxy variables.</p> <p>CO6- Write about the OLS method.</p>
MECE310 (Elective)	Financial Institutions And Markets	<p>CO1- Define Money finance, Non-bank financial institution, Capital markets and International financial system.</p> <p>CO2- Describe the financial sector and Non-bank financial institution.</p> <p>CO3- Explain the Capital markets financial markets (Call money market, Treasury bill market, Commercialbill market including commercial paper).</p> <p>CO4- Classify the functions of financial intermediation and financial system.</p> <p>CO5- Evaluate the functioning of various international financial agencies</p> <p>CO6- Express the idea about the Euro currency market and Euro Dollar market</p>
MECE311 (Elective)	Computer Applications In Economics	<p>CO1- Inculcate the knowledge of word processing to produce professional- looking documents, IT Application Statistical Processing and Types of data.</p> <p>CO2- Understand Statistical Processing Techniques and Methods Series.</p> <p>CO3- Demonstrate the usage of computers and how computers are essential components in learning, business and society.</p> <p>CO4- Analyze the IT application in financial online banking And other fields</p> <p>CO5- Evaluate the knowledge of data and its related handling</p> <p>CO6- Express the frequency series and regression analysis</p>
MECP-312	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought,</p>

		<p>relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MECC-401	Indian Public Finance	<p>CO1- Define the concepts of public finance taxes, public expenditure, budget and public debt.</p> <p>CO2- Understand the approaches of taxation, incidence of taxes and different effects of taxes. Financial commission and the functions of the commission</p> <p>CO3- Explain the financial commission and its functions, role and revenue for the local, state and union.</p> <p>CO4- Illustrate the policy of debt and expenditure management</p> <p>CO5- Conclude the financial relationship between state and central</p> <p>CO6- Write about the central and state budget</p>
MECC-402	Demography-II	<p>CO1- Define the population growth, trends composition, sources of demographic data.</p> <p>CO2- Explain the effects of population growth ,factors affecting, life expectancy in India relationship between population growth and Economic Development.</p> <p>CO3- Explain the different source of Demographic data in India.</p> <p>CO4- Analyze the connections between population distribution and world resources in developed and Developing Countries.</p> <p>CO5- Conclude the population policy its features and population census with special reference in the state of Uttarakhand.</p> <p>CO6- Write the population Policy focus on population control to family welfare and to women Empowerment.</p>
MECE-403	Environmental Economics	<p>CO1- Define Ecology, environment and sustainable development, water management, IPR and WTO.</p> <p>CO2- Describe the Environmental pollution, Natural Resource of Economics, Environment and Sustainable Development.</p> <p>CO3- Analyze the ecology and ecosystem, maintaining quality environment and economic development at local, national or international level.</p> <p>CO4- Demonstrate the development and water</p>

		<p>conservation method.</p> <p>CO5- Evaluate policies for the conservation of environment</p> <p>CO6- Write the concept of 3R</p>
MECE-404	Agricultural Economics	<p>CO1- Define the agricultural Finance, Cooperative Movement, Agricultural Marketing and Role of National & International Agencies in Indian Agriculture.</p> <p>CO2- Describe the sources of agriculture finance and the role of national and international agencies in Indian agriculture.</p> <p>CO3- Explain the agriculture marketing of agricultural products.</p> <p>CO4- Analyze the problem and prospects of cooperative institution and agriculture credit and role of National organization in agriculture.</p> <p>CO5- Evaluate the role of international organization in agriculture.</p> <p>CO6- Write about the Institutional and Non-Institutional sources, Existing Credit Delivery System, Structure, problems and remedies</p>
MECS-405	Labour Economics-II	<p>CO1- Define Labour Migration, Industrial Disputes, Labour Welfare and problems of labour.</p> <p>CO2- Understand the theoretical as well as empirical issues relating to the labour market And Industrial Disputes.</p> <p>CO3- Explain labour welfare and industrial labour in India.</p> <p>CO4- Analyze the labour market reforms.</p> <p>CO5- Distinguish the various issues related to child and women labour.</p> <p>CO6- Express the approaches and effects of labour migration.</p>
MECE-406	History of Economic Thought	<p>CO1- Describe the origin and development of economic ideas and their inter-relations.</p> <p>CO2- Understand the classical, neo-classical and modern economic thoughts.</p> <p>CO3- Explain the contributions of the Classical writers, such as Adam Smith, David Ricardo, Thomas Robert Malthus and John Stuart Mill.</p> <p>CO4- Compare the various economic thoughts.</p> <p>CO5- Ability to take a critical account of the reactions against Classical Economics.</p> <p>CO6- Write the reasons for the changes in the thoughts of economics</p>
MECE-407	Development Planning	<p>CO1- Explain the Economic Planning, Types of planning, Market mechanism and Project planning</p> <p>CO2- Describe the Difference between planned and market economies, Development</p>

		<p>planning models and Project evaluation</p> <p>CO3- Illustrate the Models in Indian Plan and Economic Development of Uttarakhand and Linear programming, manpower planning</p> <p>CO4- Classify the Role and nature of prices in planned economies, Cost-benefit analysis .</p> <p>CO5- Evaluate the problems in project planning and Direct, Indirect controls, redefining the role of the state.</p> <p>CO6- Write about the Social, Economic Development, Human Development, Role and nature of prices in planned economies</p>
MECE-408	Dissertation	<p>CO1- Identify the role and importance of research in the economics.</p> <p>CO2- Describe the issues and concepts to the search process.</p> <p>CO3- Apply the complex techniques of selecting a search problem, selecting an appropriate research design in a dissertation report.</p> <p>CO4- Analyze the concept and measures of sampling, data collection, data analysis in report writing.</p> <p>CO5- Justify the importance of bibliography</p> <p>CO6- Write dissertation on its own for future research work</p>
MECE-409	Econometrics-II	<p>CO1- Define the Problems in estimation of parameters with OLS method, Multi collinearity , Problems of Lagged variables and Problems of Lagged variables .</p> <p>CO2- understand the presence of Heteroscedasticity and Multicollinearity</p> <p>CO3- Explain the concepts – Method of Restricted Least Squares, Pooling Cross-section method and Time-series data.</p> <p>CO4- Use of regression model for empirical data and try to compare the theoretical validity with empirical findings</p> <p>CO5- Evaluate the, Ginni coefficient, Lorenz curve PCA method and Regression Method.</p> <p>CO6- Write the Functions, limits, continuity, Maxima, Minima and Head count ratio.</p>
MECE-410	Social Ecology Environment & Management	<p>CO1- Explain social ecology and problems associated with it.</p> <p>CO2- Compare the various theoretical and ideological perspectives issues related to environment</p> <p>CO3- Explore all environmental legislation.</p> <p>CO4- Describe various environmental issues and movements</p> <p>CO5- Apply Social Work principles and strategies in working with environment protection</p>

		CO6- Gain insights about environmental problems and challenges in the global and national context.
MECP-411	Seminar	CO1- Understand the features of presentation. CO2- Analyse and appreciate diverse perspectives and contributions CO3- Identify relevant information, defining and explaining topics under discussion. CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness. CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes. CO6- Use of visual, audio and audio-visual materials to support the presentation.

M.A. HOME SCIENCE

Program Specific Outcome (PSOs)

PSO 1	Acquire academic skills with an aptitude for higher studies /research/entrepreneurship in any branch of the programme.
PSO2	Develop professional skills in food, nutrition, textiles, housing, productmaking, communication technologies and human development. etc.
PSO3	Acquire basic management skills for organizing events, resource mobilization, leading community-based projects etc. Take science from the laboratory to the people.
PSO4	Utilize and manage resources and contribute to community development; assess consumer problems and protection, and learn the application of management process in Event Planning & Execution. Development of critical sensitivity towards community issues and process.

Course Outcomes:

Course Code	Course Name	Outcome
MHOC-101	Advanced Food Science-I	CO1- Memorize the food according to food groups and get understanding of nutritive value of food groups, beverages, Fruits and vegetables, cereals, fat (nuts and oil) CO2- Discuss about different types of beverages, composition and nutritive

		<p>value along with processed products of fruits, vegetables, cereals, pulses, nuts and oil</p> <p>CO3- Apply the knowledge related to food groups, beverages, cereals, pulses, nuts and oil, fruits and vegetables and their processed products.</p> <p>CO4- Classify the fruits and vegetables, beverages, cereals and pulses. Write about preserved and processed products from fruits and vegetables, cereals, pulses, nuts and oil</p> <p>CO5- Evaluate the knowledge related to food groups, beverages, cereals, pulses, fats/oil seeds, toxic constituents of pulses and measures to eliminate it.</p> <p>CO6- Write and express knowledge associated with food groups, beverages, cereals, pulses, nuts and oil, fruits and vegetables.</p>
MHOC-102	Theories of Human Development	<p>CO1- Memorize various theories of human development given by Maslow, Freud, Erikson, Skinner, Pavlov, Thorndike, Kohlberg, and Piaget</p> <p>CO2- Explain cognitive development and its different stages, Hierarchy of needs, psychoanalytic, psychosexual, operant/classical conditioning, trial and error learning, Moral Reasoning.</p> <p>CO3- Apply and Explain psychodynamic theories (like Freud and Erikson theory), Self-actualization theory, learning theories (Operant, classical, trial and error), moral reasoning theory and cognitive theories to explain development</p> <p>CO4- Analyze all learning theories, psychodynamic theories, Skinner's theory of Operant or instrumental conditioning, cognitive, moral reasoning and self-actualization theory and describe it.</p> <p>CO5- Evaluate the knowledge related to Maslow's self-actualization theory, Freud's psychosexual or psychoanalytic theory, Erikson's</p>

		<p>psychosocial theory, Skinner’s theory of Operant or instrumental conditioning Pavlov’s theory of classical conditioning, Thorndike’s Trial and Error Learning, Kohl berg's six stages of moral reasoning, Piaget’s cognitive development theory and explain it.</p> <p>CO6- Draw the framework for understanding human behavior, thought, and development.</p>
MHOC-103	Advanced Clothing Construction	<p>CO1-Enlist various equipment used in clothing construction and discuss about it. Describe about anthropometric measurements, techniques of clothing construction, General principles of clothing construction, and construction features in design.</p> <p>CO2-Learn and describe about Anthropometric Measurements. Explain the equipment used in clothing construction, techniques of clothing construction, General principles of clothing construction, and construction features in design.</p> <p>CO3- Learn and construct necklines, collars, yokes and sleeves etc. Apply the knowledge related to equipment used in clothing construction, techniques of clothing construction, General principles of clothing construction, and anthropometric Measurements in day to day life.</p> <p>CO4-Understand and analyze various principles of clothing construction to use them in garment construction. Write about equipment used in clothing construction, anthropometric measurements, techniques of clothing construction, and construction features in design.</p> <p>CO5- Get knowledge about techniques of</p>

		<p>clothing construction and evaluateit. Explain about principles of clothing construction to use them in garment construction. Write about equipment used in clothing construction, anthropometric measurements, techniques of clothing construction, and construction features in design</p> <p>CO6-Construct darts, pleats, tucks, gathers, basic seams etc. Write about principles of clothing construction, equipment used in clothing construction, anthropometric measurements, techniques of clothing construction, and construction features in design.</p>
MHOC-104	Extension Education and Communication in Home Science	<p>CO1-Memorize the concept, objectives, areas of Home Science and it's relationship with extension, Explain the contribution of Home Science in different fields of development, Employment outside Home Science Institutions.</p> <p>CO2- Learn and understand the meaning, objectives, principles, process and methods of Home Science Extension Education and explain it.</p> <p>CO3-Get familiarized with qualities of home science extension worker, and apply the knowledge for community development. Explain the concept of Home Science, extension worker, audio visual aids, Krishi vigyan kendra,and community development</p> <p>CO4- Classify extension teaching methods and describe them. Describe about Home Science, extension worker, audio visual aids, Krishi vigyan kendra, and community development.</p>

		<p>CO5-Elaborate about Krishi Vigyan Kendra. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p> <p>CO6-Learn about Audio-Visual Aids and prepare visual aids. Realize and discuss the role of home scientists in community development. Write about Home Science, extension worker, Krishi vigyan kendra, community development, and extension teaching methods.</p>
MHOC-105	Research Methodology in Home Science	<p>CO1-Define Research, research problem and its identification, methods of acquiring knowledge, selection of problem and describe need, and steps of research, types of researches, research design, sampling method, data collection instrument and techniques; nature, types and functions of hypothesis and report writing.</p> <p>CO2-Develop understanding about research, research problem and its types, research design, hypothesis, population and sampling and types of research, sources of data and techniques for data gathering, report writing and method of acquiring knowledge.</p> <p>CO3- Apply various concepts of research methodology for better understanding along with procedure of report writing</p> <p>CO4- Analyze different methods of acquiring knowledge and write about types of researches, sampling, sources of data and report writing.</p> <p>CO5- Gain knowledge and conclude various steps involved in research method along with report writing and evaluate it</p> <p>CO6- Write about different steps taken to</p>

		conduct research as well as method of acquiring knowledge and procedure of report writing.
MHOP-106	Practical	<p>CO1- Memorize the theoretical knowledge</p> <p>CO2- Identify different parts of sewing machine</p> <p>CO3- Understand and handle the sewing machine</p> <p>CO4- Construct darts, pleats, tucks, gathers, basic</p> <p>CO5- Draft and stitch blouse and kurta</p> <p>CO6- Prepare visual aids or audio visual aids</p>
MHOP-107	Seminar	<p>CO1- Identify relevant information, define and</p> <p>CO2- Understand the features of presentation</p> <p>CO3- Analyse and appreciate diverse perspectives and contributions.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation</p>
MHOC-201	Advanced Food Science – II	<p>CO1- Comprehend and memorize the knowledge related to evaluation of food, fermented and preserved food (pickles, sauces), cooking/processing method, composition and nutritive value of Meat, fish, egg and milk. Define sugar, spices and condiments.</p> <p>CO2- Explain and understand food evaluation, types, sugar types and confectionary, spices and condiments roles and adulteration of spices, Fish, egg, milk and Meat composition and cooking/processing method and preservation.</p> <p>CO3- Illustrate types and roles of sugar, spices and condiments, adulteration</p>

		<p>prevalent in spices, evaluation of foods. Explain structure, composition and nutritive value along with cooking methods of egg, milk, meat and fish.</p> <p>CO4- Gain knowledge and analyze different methods of preservation and processing of fish, meat, egg and milk along with their nutritive value and composition. Illustrate sugar types and Indian confectionary, spices and condiments roles, active principles, use and adulteration of Spices.</p> <p>CO5- Evaluate the knowledge related to fermented foods, pickles, sauces, meat, egg, milk, fish, sugar, spice and condiments</p> <p>CO6- Create awareness about adulteration of spices and role of major and minor spices, their use, sugar and its types along with Indian confectionary, evaluation of foods, composition, nutritive value and structure of meat, egg, milk, and fish along with their cooking method/processing and preservation</p>
MHOC-202	Life Span Development	<p>CO1- Remember and explain the developmental tasks of early adulthood. Memorize the concept of early adulthood, middle age, and old age.</p> <p>CO2- Understand and write the developmental tasks of middle age. Explain the concept of early adulthood, middle age, and old age.</p> <p>CO3- Enlist and explain the developmental tasks of old age. Describe the concept of early adulthood, middle age, and old age.</p> <p>CO4- Analyze the problems and challenges faced by an adult and elaborate on them. Explain about the concept of early adulthood, middle age, and old age.</p> <p>CO5- Understand and evaluate the problems of old age person and types of Changes taking place during old age. Write in detail about the concept of early adulthood, middle age, and old age.</p> <p>CO6- Write about the attitudes of old age</p>

		persons. Express about early adulthood, middle age, and old age.
MHOC-203	Fabric Construction	<p>CO1- Define knitting and understand knitting technology. Memorize the concept of yarn, methods of fabric construction, weaving.</p> <p>CO2- Explain Non-woven fabrics. Understand the concept of yarn, methods of fabric construction, weaving</p> <p>CO3- Learn and discuss about different methods of fabric construction. Explain about yarn, weaving technology and knitting technology.</p> <p>CO4- Classify and analyze basic weaves, and draw the pattern of basic weaves. Write about yarn, loom, methods of fabric construction, weaving, and knitting.</p> <p>CO5- Understand and evaluate different processes of yarn making, fabric construction, weaving and knitting.</p> <p>CO6- Classify basic weaves, create samples of basic weaves and write about yarn, loom, knitting and weaving technology.</p>
MHOC-204	Advanced Home Management	<p>CO1- Memorize the concept of Home Management, values, goals, standard, time management, money management</p> <p>CO2- Understand and explain the concept of Home Management, values, goals, standard, time management and money management.</p> <p>CO3- Understand and apply the knowledge of work simplification to complete their tasks easily and discuss about home management, values, goals, standard, time management and money management.</p> <p>CO4- Analyze and discuss about the financial management practices. Write about work simplification, home management, values, goals, standard, time management and money management</p> <p>CO5- Evaluate and apply the knowledge related to home management, time management and energy management to complete their tasks easily. Describe the concept of values, goals,</p>

		<p>standard, and work simplification.</p> <p>CO6-Develop the awareness about using the resources effectively. Write about work simplification, home management, values, goals, standard, time management and money management.</p>
MHOC- 205	Statistics in Home Science	<p>CO1-Define and explain statistics and it's uses, data classification and tabulation, diagrammatic and graphical representation of data, measures of central tendency and Standard deviation, analysis of data and report writing</p> <p>CO2- Classify data and construct frequency distribution table, diagram and graphs based on data, describe statistics meaning and uses, measures of central tendency and SD, data analysis tests and research report Writing</p> <p>CO3- Use measures of central tendency and SD, graphs and diagrams, data analysis, classification and tabulation of data, data analysis in their research work along with writing a research report. Illustrate meaning and uses of statistics.</p> <p>CO4- Learn about tabulation, analysis and diagrammatic of data as well as writing a research report. Analyze use of statistics, measures of central tendency and SD</p> <p>CO5- Conclude use of statistics in data presentation in tabular and diagrammatic form, data analysis, measures of central tendency and research report writing</p> <p>CO6- Develop the understanding of 'significance of Statistics in Home Science research' and write about statistics, diagrammatic representation of data, measures of central tendency.</p>
MHOS- 207	Adolescence	<p>CO1-Define Puberty and adolescence and get acquainted with developmental tasks of adolescence. Memorize the concept of Physical changes, social and</p>

		<p>emotional development, problems of adolescence.</p> <p>CO2- Comment on characteristics of adolescence and explain the physical changes during puberty and adolescence. Describe the concept of developmental tasks of adolescence. Memorize and write about the concept of Physical changes, social and emotional development, problems of adolescence.</p> <p>CO3- Explain the important aspects of development during adolescent period.</p> <p>CO4- Discuss and analyze the role of parents, teachers, peers and society on social and emotional development of adolescence. Write about concept of Physical changes, social and emotional development, problems of adolescence and developmental tasks of adolescence</p> <p>5- Evaluate the problems of adolescents and factors affecting social and emotional development. Explain the concept of Physical changes, social and emotional development, problems of adolescence and developmental tasks of adolescence</p> <p>CO6- Write about friendship pattern and social grouping during adolescence. Discuss about concept of Physical changes, social and emotional development, problems of adolescence and developmental tasks of adolescence</p>
MHOS-208	Computer	<p>CO1- Define computer and have fundamental knowledge about computer with respect to their use in research and Home Science field.</p> <p>CO2- Comment on use of computer, Computer parts/memory along with input and output devices,</p>

		<p>characteristics, applications, classification working and functions, history of computers and different generations of computer</p> <p>CO3- Learn and explain the characteristics, history and generation of computer, applications of computer in various fields and different parts of computer system and their working</p> <p>CO4- Analyze the knowledge related to computer parts/ devices along with their history, generations and applications. Discuss about computer memory system.</p> <p>CO5- Evaluate the knowledge related to hardware and software of computer along with their application in research and home science.</p> <p>CO6- Develop the understanding computer system and its use in research and different fields of Home Science.</p>
MHOP-206	Practical	<p>CO1-Memorize the theoretical knowledge related to practical.</p> <p>CO2- Prepare low cost high nutritive value recipes</p> <p>CO3- Make the Drafting and lifting plan of different weaves on a graph paper and with strips of glaze paper.</p> <p>CO4- Prepare recipes from different Indian states</p> <p>CO5- Create hand knitted samples/articles.</p> <p>CO6- Write the report of visit to cloth weaving unit.</p>
MHOP-209	Seminar	<p>CO1- Identify relevant information, define and explain topics under discussion.</p> <p>CO2- Understand the features of presentation.</p> <p>CO3-Analyse and appreciate diverse perspectives and contributions</p> <p>CO4- Obtain, select, create and support materials appropriately and candemonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection</p>

		<p>and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6-Use of visual, audio and audio-visual materials to support the Presentation.</p>
MHOC-301	Community Nutrition	<p>CO1- Define protein calorie malnutrition and comment on it. Memorize the knowledge related to different deficiency diseases and nutritional assessment.</p> <p>CO2- Explain nutritional assessment, iron deficiency, iodine deficiency; fluorine deficiency and toxicity.</p> <p>CO3- Discuss about protein calorie malnutrition, vitamin A deficiency; deficiency of ascorbic acid; deficiency of vitamin D and use the knowledge in day to day life.</p> <p>CO4- Analyze the knowledge related to Thiamine deficiency and Niacin deficiency and discuss about it. Write about protein calorie malnutrition, nutritional assessment and other deficiency diseases.</p> <p>CO5-Evaluate the knowledge related to different methods of nutritional assessment, deficiency diseases and write about it.</p> <p>CO6- Develop an understanding of ‘importance of nutritional assessment and surveillance’ and write about it. Express their view about various deficiency diseases.</p>
MHOC-302	Dyeing and Printing	<p>CO1- Define dyes and discuss about different types of dyes. Memorize the concept of dyeing methods, printing, and printing paste.</p> <p>CO2- Discuss about printing paste and preparation of cloth for printing. Explain the concept of dyes, dyeing methods, printing, and printing paste.</p> <p>CO3-Discuss about colour fastness and use the knowledge in day to day life. Write about the concept of dyes, dyeing methods, printing, and printing paste</p>

		<p>CO4- Analyze different dyeing methods at different stages of processing. Describe the concept of dyes, printing, and printing paste.</p> <p>CO5- Evaluate the knowledge related to different printing methods. Discuss about dyes, dyeing methods, printing, and printing paste.</p> <p>CO6- Write about after treatment of printed goods, dyes, dyeing methods, printing, and printing paste.</p>
MHOE-304	Advanced Food and Nutrition	<p>CO1- Define B.M.R and explain energy requirement. Memorize the knowledge related to dietary nutrients, energy, Nutrition during different life cycles, different programmes and therapeutic nutrition.</p> <p>CO2- Categorize dietary nutrients and explain their functions, digestion, and absorption. Explain about energy, Nutrition during different life cycles, different programmes, and therapeutic nutrition.</p> <p>CO3- Discuss about nutrition during different stages of life cycle and apply the knowledge in day to day life. Describe about nutrients, energy, different programmes, and therapeutic nutrition.</p> <p>CO4- Analyze the knowledge related to ICCW, CFTRI, WHO and ICDS. Explain dietary nutrients, energy, Nutrition during different life cycles, and therapeutic nutrition.</p> <p>CO5- Evaluate the knowledge related to UNICEF, FAO, CARE and ANP. Write about dietary nutrients, energy, Nutrition during different life cycles, and therapeutic nutrition</p> <p>CO6- Gain skills in planning and preparing diet during febrile conditions, gastrointestinal disorders, kidney diseases, diabetes mellitus and cardiovascular diseases. the knowledge related to dietary nutrients, energy, Nutrition during different life cycles, different programmes, Therapeutic Nutrition</p>
MHOE-305	Organization and	<p>CO1- Remember and define minimum</p>

	<p>Management of Early Childhood Education Center</p>	<p>requirements of Early Childhood Education Center, role of Staff, family and community with respect to ECE. Explain curriculum plan and evaluation.</p> <p>CO2- Discuss about minimum requirement of ECE, staffing-qualifications; essential qualities/roles (Personal and Professional) of ECE teacher, role of family and community, planning curriculum and evaluation</p> <p>CO3- Gain knowledge about how to plan the curriculum of ECE center and evaluation, Staffing procedure and involvement of family and community in ECE and minimum requirements of ECE centre.</p> <p>CO4- Identify and analyze minimum requirements of ECE center, the qualification, role and responsibilities of preschool teacher and methods of involving parents and community. Conclude curriculum planning and evaluation procedure.</p> <p>CO5- Evaluate the knowledge related to organization and management of ECE center.</p> <p>CO6- Write about minimum requirements of ECE center, the qualification, role and responsibilities of preschool teacher and methods of involving parents and community, need for Planning ECE Curriculum and evaluation.</p>
<p>MHOE-306</p>	<p>Consumer Education</p>	<p>CO1- Define consumer and explain the characteristics and types of consumer. Remember the concepts related to consumer education.</p> <p>CO2- Have an overview of the consumer problems and comment about it. Understand and explain the concepts related to consumer education.</p> <p>CO3- Learn and explain consumer law and consumer protection and use this knowledge in day to day life. Explain the knowledge related to consumer education.</p> <p>CO4- Analyze and write about consumer behaviour, consumer rights, standard and standardization</p>

		<p>CO5- Discuss about consumer welfare and responsibilities of consumer and evaluate the knowledge related to consumer education.</p> <p>CO6- Write about standard and standardization. Express the knowledge related to consumer education.</p>
MHOE-307	Early Childhood Education	<p>CO1- Remember and discuss the historical perspective on early childhood education given by various thinkers, Principles of early childhood education, development during early childhood years (3-6years) and importance of play.</p> <p>CO2- Understand and explain development during early childhood years (3-6years) and role of play in development, historical thinkers perspective on ECE, Principles of early childhood education.</p> <p>CO3- Apply and illustrate principles of early childhood education, perspective on early childhood education given by various thinkers, development during early childhood years (3-6years) and concept/roles of play.</p> <p>CO4- Analyze and conclude perspectives of various historical thinkers on ECE, the knowledge related to early childhood years and education services in India.</p> <p>CO5- Evaluate the knowledge related to developmental Characteristics of children between 3 to 6 years of age and play, ECE perspectives by historical thinkers along with principles.</p> <p>CO6- Write the concept and role of play in development, development during early childhood years, principles of ECE along with historical perspective of early childhood education</p>
MHOE-308	Traditional Indian Embroidery and Textiles	<p>CO1- Having an insight of historical background of traditional Indian embroidery and describe it. Study</p>

		<p>about traditional embroideries of India, Khadi, and traditional textiles of India.</p> <p>CO2- Identify and learn general techniques of embroidery. Explain traditional textiles of India, traditional embroideries of India, and khadi.</p> <p>CO3- Acquainted with traditional woven textiles of India and explain it.</p> <p>CO4- Analyze the knowledge related to traditional printed textiles of India. Write about traditional embroideries of India, and khadi.</p> <p>CO5- Sensitized about revolution in khadi and evaluate the knowledge related to traditional Indian embroidery and textiles.</p> <p>CO6- Express the role of handloom in Indian economy. Write about traditional embroideries of India, Khadi, and traditional textiles of India.</p>
MHOS-309	Rural Sociology (Self-Study)	<p>CO1- Memorize the concept of rural Sociology and urban society. Understand the need, scope and importance of rural sociology, rural life and caste system, physical structure and social organization of rural society, Rural leadership</p> <p>CO2- Express views of rural sociology, rural life, difference between rural and urban society, caste system in rural society, its structure, and social organization, and rural leadership.</p> <p>CO3- Describe rural sociology and leadership, characteristics of rural life, caste system, physical structure and social organization of rural society.</p> <p>CO4- Analyze the knowledge related to physical structure, social structure and caste system of rural society, rural leadership, characteristics of rural life, rural sociology , difference between rural and urban.</p> <p>CO5- Conclude the knowledge related to rural leadership, principles of Leadership, types of leaders, rural sociology/society and rural life.</p> <p>CO6- Write about the qualities of leader,</p>

		selection of rural leader, structure and organization of rural society, rural life and sociology. Differentiate between rural and urban society.
MHOS-310	Child Welfare in India (Self-Study)	<p>CO1- Have an insight of historical evolution of child welfare in India, profile of child in India, children at risk, policies and legislations for child welfare, child welfare agencies and programmes in India</p> <p>CO2- Identify and discuss about child welfare, Policies and Legislations for Child Welfare, child welfare agencies and programmes in India, profiles of child in India along with children at risk.</p> <p>CO3- Learn about demography with respect to children, (infant population, mortality rate, school enrolment rate etc.) children at risk, child welfare in India, policies and legislation for child welfare, child welfare agencies and programmes in India and explain it.</p> <p>CO4- Gather information and analyze the information regarding child welfare in India, social problems related to children, children profile, policies and legislations for child welfare, agencies and programmes in India</p> <p>CO5: Evaluate and discuss the knowledge related to child welfare, children profile, children at risk, policies and acts for child welfare, child welfare agencies.</p> <p>CO6: Write about child welfare with respect to their demography, problems faced by them, policies, acts, agencies and programmes related to children in India.</p>

MHOP- 303	Practical	<p>CO1- Memorize anthropometric measurements.</p> <p>CO2- Understand printing and dyeing techniques.</p> <p>CO3- Use printing and dyeing techniques.</p> <p>CO4- Analyze the methods of assessment of nutritional status.</p> <p>CO5- Conduct single person case study to assess and evaluate nutritional status or carry out a survey using anthropometric measurements.</p> <p>CO6- Construct articles using different types of printing and dyeing techniques.</p>
MHOP-311	Seminar	<p>CO1- Identify relevant information, define and explain topics under discussion.</p> <p>CO2- Understand the features of presentation.</p> <p>CO3- Analyse and appreciate diverse perspectives and contributions</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MHOC 401	Food Safety and Preservation	<p>CO1- Define food sanitation and hygiene and explain it. Write about home scale methods of food preservation and fortification of foods with vitamins and minerals. Memorize the knowledge related to food borne diseases, 'Food Adulteration and Consumer Protection.</p> <p>CO2- Describe food borne diseases, food sanitation and hygiene, 'novel and processed supplementary foods, enzymes in food processing', home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO3- Get aware about 'Food Adulteration</p>

		<p>and Consumer Protection’ ‘food laws and standards,’ causes of food spoilage, home scale methods of food preservation and fortification of foods with vitamins and minerals and explain it.</p> <p>CO4- Analyze the knowledge related to ‘novel and processed supplementary foods, enzymes in food processing,’ home scale methods of food preservation and fortification of foods with vitamins and minerals.</p> <p>CO5- Evaluate the knowledge related to home scale methods of food preservation and fortification of foods with vitamins and minerals, food borne diseases, ‘Food Adulteration and Consumer Protection.</p> <p>CO6- Write about food laws and standards, food sanitation and hygiene, food preservation and fortification of foods with vitamins and minerals. Elaborate on causes of food spoilage.</p>
MHOC 402	Children with Special Needs	<p>CO1- Define and memorize the knowledge related to ‘children with special needs,’ ‘mental retardation,’ ‘gifted children,’ ‘children with orthopedic impairment’.</p> <p>CO2- Classify children according to types of impairment. Describe about mentally retarded children, visually handicapped children. hearing impaired children and gifted children.</p> <p>CO3- Learn and discuss about hearing impaired children and gifted children.</p> <p>CO4- Classify the children with special needs and elaborate on it. Write about different types of impairment.</p> <p>CO5- Realize and explain the need of special education for children with special need. Describe about different types of impairment and behaviour disorders.</p> <p>CO6- Understand and write about different types of impairment and behavior disorders.</p>

MHOE-404	Guidance and Counseling	<p>CO1- Define Guidance, counseling and explain its types, need, characteristics, limitation and difference between guidance and counseling, testing techniques, non- testing techniques, counselor, guidance and counseling during adolescence.</p> <p>CO2-Differentiate between guidance and counseling and explain the role of testing and non-testing techniques, need of guidance and counseling during adolescence, qualities andfunction of counselor.</p> <p>CO3- Discuss about guidance, counselling, counselor, testing and non-testing techniques</p> <p>CO4- Describe the role of testing techniques in guidance, qualities and functions of counselor, types, meaning, need of guidance and counseling</p> <p>CO5- Evaluate the knowledge related to guidance and counseling-meaning,aims, need, types etc. Explain about guidance and counseling during adolescence, qualities and functions of counselor, role of testing and non testing techniques.</p> <p>CO6- Write about guidance and counselling during adolescence. Gain knowledge about qualities and functions of counsellor. Discuss about testing and non-testing techniques, need, types, and scope of guidance and counselling.</p>
MHOE-405	Packaging and Labelling of Food Products	<p>CO1- Demonstrate knowledge of the material involved in packaging with the chemistry of the food packaged.</p> <p>CO2- Describe different functions of packaging and their importance.</p> <p>CO3- Describe the influence of oxygen in different types of packaging materials.</p> <p>CO4- Demonstrate the advantages and disadvantages involved with different packaging material.</p> <p>CO5- Acquire knowledge on the factors and regulations considered while packaging and labelling</p> <p>CO6- Understand Bar codes to create their own Barcodes</p>
MHOE-406	Consumer Economics	<p>CO1-Define consumption and explain the characteristics and importance,</p>

		<p>Symptoms of Consumption, Standard of living and measure of consumption. Memorize about needs, family budget, consumer buying habits, and advertisement.</p> <p>CO2- Define and classify needs and describe the factors affecting and characteristics of needs. Describe the family budget, consumer buying habits, and advertisement.</p> <p>CO3- Enlist and explain the steps for making the budget. Explain needs, consumer buying habits, and advertisement.</p> <p>CO4- Analyze the knowledge related to consumer buying habits, advertisements. Write about the knowledge related to consumer economics.</p> <p>CO5- Evaluate the knowledge related to consumer economics.</p> <p>CO6- Write about main taxes in India. Elaborate on consumer credit. Express their views about consumer economics.</p>
MHOE-407	Apparel Designing	<p>CO1- Recall some terms related to fashion industry and also learn about fashion and factors affecting fashion. Memorize the concept of design, elements of art, and fit.</p> <p>CO2- Discuss about elements of art in relation to apparel designing. Describe about design, fashion and fit.</p> <p>CO3- Interpret correct fit. Write about design, elements of art, and fashion.</p> <p>CO4- Identify and analyze common fitting problems and remedies for fitting defects. Discuss about design, elements of art, and fashion.</p> <p>CO5- Evaluate the knowledge related to apparel designing.</p> <p>CO6- Define fashion, write the principles and sources of fashion. Define design, write its type and explain the principles of the design.</p>
MHOE-408	Dissertation	<p>CO1- Develop an aptitude for research.</p> <p>CO2- Develop an aptitude for problem solving skills and communication skills.</p> <p>CO3- Recognize the concepts and</p>

		<p>techniques of research process</p> <p>CO4- Apply the complex techniques of selecting a research problem in a dissertation report.</p> <p>CO5- Apply the complex techniques of selecting an appropriate research design in a dissertation report.</p> <p>CO6- Implement the concept and measures of sampling, data collection, data analysis in report writing.</p>
MHOS-409	Marriage and Family(Self-Study)	<p>CO1- Define and memorize about family, marriage, marital adjustment, Marriage guidance and counseling. Get aware about functions and structure of family</p> <p>CO2- Describe the characteristics and types of family. Explain about marriage, marital adjustment, Marriage guidance and counseling.</p> <p>CO3- Explain the factors causing tension in married life. Write about marriage, marital adjustment, Marriage guidance and counseling.</p> <p>CO4- Analyze the goals of marriage, changes in marriage and their causes. Describe about family, marriage, marital adjustment, Marriage guidance and counseling.</p> <p>CO5- Evaluate the knowledge related to marriage and family</p> <p>CO6- Write about marriage, marital adjustments, and guidance and counselling in marriage.</p>
MHOS-410	Gender in Extension(Self-Study)	<p>CO1- Get aware of gender roles and gender based discrimination and describe it. Memorize the knowledge related to gender in extension.</p> <p>CO2- Identify and describe various programmes for welfare of women. Understand the concepts related to gender in extension.</p> <p>CO3- Explore and identify the laws protecting the woman and write about them. Explain the concepts related to gender in extension.</p> <p>CO4- Analyze national policies for empowerment of women. Write about the concepts related to gender in extension.</p> <p>CO5- Evaluate the knowledge related to gender in extension</p> <p>CO6- Write about the concept and areas of</p>

		women empowerment. Identify and describe various departments for welfare of women. Write about the concepts related to gender in extension.
MHOP-403	Practical	<p>CO1- Recall physical tests and chemical tests for detection of food adulterants.</p> <p>CO2- Identify adulterants in food using simple physical tests and chemical tests.</p> <p>CO3- Prepare jam/pickle/chutney/sauce etc at home.</p> <p>CO4- Evaluate food labels of processed foods available in the market.</p> <p>CO5- Prepare educational game/teaching aid for a child with special needs and use it in the institution for children with special needs.</p> <p>CO6- Write a report on the visit to the institution for children with special needs.</p>
MHOP- 411	Seminar	<p>CO1- Identify relevant information, define and explain topics under discussion.</p> <p>CO2- Understand the features of presentation.</p> <p>CO3- Analyse and appreciate diverse perspectives and contributions</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5-Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>

M.A. HINDI

Program Specific Outcomes (PSO):

PSO 1	भाषा और भाषा विज्ञान, मनोभाषा विज्ञान शैली विज्ञान, की समस्त जानकारी एवं भाषा वैज्ञानिक परिपेक्ष्य में साहित्य का विश्लेषण करने का सम्पूर्ण ज्ञान।
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PSO2	भाषा और विज्ञान, विभिन्न साहित्यिक रचनाओं, पाश्चात्य व भारतीय काव्यशास्त्रीय अवधारणों, रस शब्द शक्ति और विविध वादों के गहन अध्ययन से विद्यार्थी की महत्वपूर्ण सोच का विकास होगा।
PSO3	अतीत से वर्तमान तक हिन्दी साहित्य के विकास को समझना और इस को समाज को समझने के लिए उपयोग करना।
PSO4	हिंदी साहित्य के पीछे के दर्शन को समझना।
PSO5	हिंदी साहित्य में निहित भारतीय मूल्यों और परम्पराओं के महत्व व भावनाओं को जानने और समझना।

Paper Code	Course	Outcomes
MANC-101	हिन्दी साहित्य का इतिहास	<p>CO1- हिंदी साहित्य के इतिहास का विभिन्न युगों के माध्यम से ज्ञान प्राप्त करना।</p> <p>CO2- हिंदी साहित्य के इतिहासक अध्ययन के माध्यम से हिंदी साहित्य को समझना।</p> <p>CO3- विभिन्न साहित्यकारों की रचना के प्रयोग द्वारा हिंदी साहित्य के इतिहासक को जानना।</p> <p>CO4- हिंदी साहित्य के प्रत्येक युग की रचनात्मक, सामाजिक, राजनैतिक और धार्मिक परिस्थितियों का विश्लेषण करना।</p> <p>CO5- हिंदी साहित्य से सम्बन्धित विभिन्न विचारधाराओं का मूल्यांकन करना।</p> <p>CO6- हिंदी साहित्य के प्रत्येक युग की समीक्षा करना।</p>
MHNC-102	भाषा विज्ञान एवं हिंदी भाषा	<p>CO1- हिन्दी भाषा की उत्पत्ति, वाक् अवयव की विशेषताओं और भाषा संरचना का ज्ञान</p> <p>CO2- हिन्दी भाषा की वैज्ञानिकता और वैधानिकता को समझना।</p> <p>CO3- भाषा की अवधारणा, शब्दावली, अनुवाद की व्याख्या के व्यावहारिक प्रयोग अध्ययन।</p> <p>CO4- स्वन- विज्ञान, रूपिम संरचना और अर्थ विज्ञान का विश्लेषण करना।</p> <p>CO5- हिन्दी भाषा और भाषा-विज्ञान के सम्पूर्ण स्वरूप का मूल्यांकन।</p> <p>CO6- हिन्दी भाषा संरचना प्रणाली के स्वरूप की जाँच करना।</p>

MHNC-103	भारतीय काव्यशास्त्र	<p>CO1- भारतीय साहित्यशास्त्र के रस, अलंकार, रीति और ध्वनि सिद्धान्त का ज्ञान।</p> <p>CO2- संस्कृत साहित्यशास्त्र से लेकर भारतीय काव्यशास्त्र तक सम्प्रदायो को समझना।</p> <p>CO3- भारतीय काव्य रचनाओं का अध्ययन कर साहित्यशास्त्र के सिद्धांतों की जांच।</p> <p>CO4- भारतीय साहित्यशास्त्रीय चिंतन की अवधारणा का विश्लेषण करना।</p> <p>CO5- भारतीय काव्यशास्त्र के विभिन्न सिद्धान्तों का मूल्यांकन करना।</p> <p>CO6- रस, अलंकार, रीति और ध्वनि सिद्धान्तों के सम्बंध की जांच करना।</p>
MHNC-104	प्राचीन एवं मध्यकालीन निर्गुण काव्य	<p>CO1- हिंदी साहित्य की आदिकालीन व मध्यकालीन काव्यधारा का ज्ञान।</p> <p>CO2- हिंदी साहित्य की वैचारिक पृष्ठभूमि को समझना।</p> <p>CO3- आदिकालीन व मध्यकालीन हिंदी साहित्य की रचनाओं के अध्ययन से रचना कौशल का विकास।</p> <p>CO4- आदिकालीन व मध्यकालीन युग की प्रमुख साहित्यिक रचनाओं का विश्लेषण।</p> <p>CO5- आदिकालीन व मध्यकालीन साहित्यिक प्रवृत्तियों का मूल्यांकन करना।</p> <p>CO6- आदिकालीन व मध्यकालीन काव्य कृतियों की जांच करना।</p>
MHNC-105	आधुनिक काव्य	<p>CO1- आधुनिक काव्य के रचनाकार और रचनाओं का बोध।</p> <p>CO2- आधुनिक काव्य की सामाजिक, राजनैतिक व सांस्कृतिक परिस्थितियों को समझना।</p> <p>CO3- आधुनिक हिंदी काव्य रचनाओं के अध्ययन द्वारा काव्य की जांच करना।</p> <p>CO4- आधुनिक काल के कवियों जयशंकर प्रसाद, निराला, दिनकर के योगदान का विश्लेषण।</p> <p>CO5- आधुनिक काल के रचना विधान द्वारा कवियों की रचना का मूल्यांकन करना।</p> <p>CO6- हिन्दी साहित्य के प्रमुख कवियों और उनकी रचनाओं का संश्लिट अध्ययन।</p>
MHNC-106	आधुनिक गद्य	<p>CO1- आधुनिक हिन्दी गद्य के रचनाकार और रचनाओं का ज्ञान।</p> <p>CO2- हिन्दी गद्य की विविध विधाओं के उदभव और विकास को समझना।</p> <p>CO3- हिन्दी गद्य साहित्य के आधुनिक कालीन</p>

		<p>कवियों के योगदान को प्रदर्शित करना।</p> <p>CO4- आधुनिक हिन्दी गद्य विधाओं के विविध रूपों का विश्लेषण करना।</p> <p>CO5- आधुनिक गद्य साहित्य की सामाजिक, राजनैतिक व सांस्कृतिक परिस्थितियों का मूल्यांकन।</p> <p>CO6- आधुनिक हिन्दी काव्य के अध्ययन द्वारा काव्य लेखन के स्वरूप का अध्ययन।</p>
MHNP-107	सेमिनार	<p>CO1- छात्र को विषय प्रस्तुतिकरण का ज्ञान प्राप्त होगा।</p> <p>CO2- सेमिनार के माध्यम से लेखन की कार्यप्रणाली को समझना।</p> <p>CO3- हिन्दी साहित्य में शोध की दशा और दिशा का पता लगाना।</p> <p>CO4- हिन्दी साहित्य की विविध विधाओं की ओर सर्जक, समीक्षा, अनुवादक एवं शोध की दृष्टि से विश्लेषण करना।</p> <p>CO5- शोध के विविध स्वरूपों का मूल्यांकन करना।</p> <p>CO6- सेमिनार के माध्यम से विषय चयन के महत्व का अध्ययन करना।</p>
MHNC-201	हिन्दी साहित्य का इतिहास	<p>CO1- हिन्दी साहित्य के नवजागरण काल का बोध।</p> <p>CO2- रीतिकाल एवं आधुनिक हिन्दी साहित्य के सामाजिक, राजनैतिक व सांस्कृतिक परिस्थितियों को समझना।</p> <p>CO3- 1857 ई० की राज्यक्रांति के पश्चात् पुनर्जागरण काल की साहित्यिक परिस्थितियों की जांच करना।</p> <p>CO4- हिन्दी साहित्य के इतिहास के ज्ञान का प्रयोग साहित्य विश्लेषण के लिए करना।</p> <p>CO5- भारतेंदु युग से लेकर समकालीन हिन्दी कविता तक काव्य के स्वरूप का अध्ययन।</p> <p>CO6- आधुनिक युग की नवीन गद्य विधाओं का मूल्यांकन।</p>
MHNC-202	भाषा विज्ञान एवं हिन्दी भाषा	<p>CO1- भाषायी परिवार की ऐतिहासिक पृष्ठभूमि का ज्ञान।</p> <p>CO2- मध्यकालीन भारतीय भाषाओं एवं हिन्दी भाषा की उपभाषा, बोलीयों की संरचना को समझना।</p> <p>CO3- राजभाषा, राष्ट्रभाषा व देवनागरी लिपि की वैज्ञानिकता और संवैधानिक स्थिति का पता</p>

		<p>लगाना।</p> <p>CO4- हिंदी के भाषिक स्वरूप एवं देवनागरी लिपि का विश्लेषण करना।</p> <p>CO5- अनेक भारतीय भाषाओं की संरचना प्रणाली का मूल्यांकन करना।</p> <p>CO6- हिंदी राजभाषा के रूप में हिंदी, माध्यम भाषा, संचार भाषा का पता लगाना।</p>
MHNC-203	छायावादोत्तर काव्य	<p>CO1- छायावादोत्तर कवि और कविता का ज्ञान।</p> <p>CO2- प्रगतिवाद व प्रयोगवादी कवियों की रचनाओं में निहित समस्या को समझना।</p> <p>CO3- छायावादोत्तर, प्रगतिवाद और प्रयोगवादी वैचारिक पृष्ठभूमि का पता लगाना।</p> <p>CO4- प्रयोगवाद में तारसप्तक के महत्व का विश्लेषण करना।</p> <p>CO5- नयी कविता और नवगीत कविता का मूल्यांकन करना।</p> <p>CO6- विभिन्न साहित्यिक विचारधारा के अध्ययन से सृजन की प्रेरणा प्राप्त करना।</p>
MHNC-204	मध्यकालीन सर्गुण एवं रीतिकालीन काव्य	<p>CO1- सगुण काव्य धारा व रीतिकालीन काव्य धारा विचारधारा का ज्ञान।</p> <p>CO2- सगुण काव्यधारा व रीतिकालीन काव्यधारा के रचनाकारों के संदर्भ में रचनाओं को समझना।</p> <p>CO3- भारतीय साहित्य में निहित जीवन मूल्यों व नैतिकता का पता लगाना।</p> <p>CO4- सगुण काव्यधारा व रीतिकालीन काव्यधारा की प्रमुख रचनाओं का विश्लेषण।</p> <p>CO5- सूरदास, तुलसीदास, घनानंद और बिहारी की प्रमुख रचनाओं का मूल्यांकन करना।</p> <p>CO6- सगुण काव्यधारा व रीतिकालीन काव्यधारा की साहित्यिक वैचारिक पृष्ठभूमि का पता लगाना।</p>

MHNC-205	पाश्चात्य काव्य	<p>CO1- पाश्चात्य काव्य साहित्य के सिद्धांतों का ज्ञान कराना।</p> <p>CO2- पाश्चात्य काव्य सिद्धांतों के माध्यम से भारतीय काव्यशास्त्र को समझना।</p> <p>CO3- साहित्यशास्त्रीय अध्ययन के माध्यम से समीक्षात्मक कौशल का विकास।</p> <p>CO4- भारतीय काव्यशास्त्र व पाश्चात्य काव्यशास्त्र का तुलनात्मक विश्लेषण करना।</p> <p>CO5- पाश्चात्य काव्यशास्त्र पर आधारित सिद्धांतों का मूल्यांकन करना।</p> <p>CO6- पाश्चात्य काव्य सिद्धांतों के माध्यम से भारतीय काव्यशास्त्र का पता लगाना।</p>
MHNC-206	कथा साहित्य	<p>CO1- हिंदी कथा साहित्य के विविध रूपों का ज्ञान प्राप्त करना।</p> <p>CO2- साहित्येतर भाषा प्रयोग को समझना।</p> <p>CO3- साहित्य के माध्यम से समाज को देखने का दृष्टिकोण विकसित करना।</p> <p>CO4- हिंदी कथा साहित्य के विश्लेषण की क्षमता का विकास करना।</p> <p>CO5- हिंदी कथा साहित्य की प्रमुख रचनाओं का मूल्यांकन करना।</p> <p>CO6- हिंदी के महत्वपूर्ण लेखकों के साहित्य से परिचित कराना ताकि छात्र इस क्षेत्र में रोजगार के प्रति आकर्षित हो।</p>
MHNP- 207	साहित्य समीक्षा	<p>CO1- छात्र को विषय प्रस्तुतिकरण का ज्ञान प्राप्त होगा।</p> <p>CO2- साहित्य समीक्षा के माध्यम से लेखन की कला को समझना।</p> <p>CO3- साहित्य समीक्षा द्वारा शोध की दशा और दिशा का पता लगाना।</p> <p>CO4- हिन्दी साहित्य की विविध विधा की ओर सर्जक, समीक्षा, अनुवादक एवं शोध की दृष्टि से विश्लेषण करना।</p> <p>CO5- साहित्य समीक्षा द्वारा साहित्य के विविध स्वरूपों का मूल्यांकन करना।</p> <p>CO6- साहित्य समीक्षा के माध्यम से विषय चयन के महत्व का अध्ययन करना।</p>

MHNC-301	प्रयोजनमूलक हिन्दी	<p>CO1- कार्यालयी हिंदी और प्रयोजनमूलक हिन्दी का ज्ञान।</p> <p>CO2- हिंदी भाषा के कार्यालयी व प्रशासनिक स्वरूप को समझना।</p> <p>CO3- हिन्दी कम्प्यूटर भाषा और संपर्क उपकरणों की व्यवहारिकता की जांच।</p> <p>CO4- मुद्रित व इलेक्ट्रॉनिक मीडिया के विभिन्न माध्यमों के द्वारा नवीन तकनीक का विश्लेषण।</p> <p>CO5- पत्रकारिता, पारिभाषिक शब्दावली और इलेक्ट्रॉनिक मीडिया के रोजगापरक स्वरूप का मूल्यांकन।</p> <p>CO6- मुद्रित व इलेक्ट्रॉनिक मीडिया के विभिन्न माध्यमों की।</p>
MHNC-302	भारतीय साहित्य	<p>CO1- भारतीय साहित्यशास्त्र के आधुनिक स्वरूप का ज्ञान।</p> <p>CO2- विभिन्न भारतीय भाषाओं की श्रेष्ठ रचनाओं को समझना।</p> <p>CO3- विभिन्न भारतीय भाषाओं की श्रेष्ठ रचनाओं भाषायी योग्यता प्राप्त करना।</p> <p>CO4- भारतीय साहित्यशास्त्र के सिद्धांतों का विश्लेषण करना।</p> <p>CO5- हृदयवन, मृत्युंजय और बाँसुरी बजती रही रचनाओं का मूल्यांकन।</p> <p>CO6- विभिन्न भारतीय भाषाओं की श्रेष्ठ साहित्यिक रचनाओं के माध्यम द्वारा रचना कौशल का विकास।</p>
MHNC-303	हिंदी आलोचना साहित्य	<p>CO1- हिंदी आलोचना की वैचारिक पृष्ठभूमि का ज्ञान।</p> <p>CO2- हिंदी आलोचना साहित्य के प्रमुख आलोचक व उनकी आलोचना पद्धति को समझना।</p> <p>CO3- साहित्य के विभिन्न अवधारण शब्दावली और विचारधाराओं का हिंदी आलोचना के परिपेक्ष में वर्णन करना।</p> <p>CO4- साहित्य का समाजशास्त्री विश्लेषण करना।</p> <p>CO5- विभिन्न आलोचना सिद्धांतों के ज्ञान द्वारा किसी रचना का मूल्यांकन करना।</p> <p>CO6- हिंदी आलोचना साहित्य के सिद्धांतों के आलोक में रचनाओं का अध्ययन।</p>

MHNE-304	मीरां (अ)	<p>CO1- मीरा की रचनाओं को परिभाषित करना।</p> <p>CO2- कृष्ण काव्यधारा की सामाजिक, राजनैतिक और सांस्कृतिक पृष्ठभूमि को समझना।</p> <p>CO3- मीरा के रचना के आलोक में मानवीय और नैतिक मूल्यों का विकास।</p> <p>CO4- मीरा की रचनाओं में निहित अवधारणा का विश्लेषण करना।</p> <p>CO5- मध्यकालीन साहित्य में मीरा की रचनाओं का मूल्यांकन करना।।</p> <p>CO6- कृष्ण काव्य साहित्य में मीरा के काव्य का स्थान निर्धारित करना।</p>
MHNE-304	लोक साहित्य (ब)	<p>CO1- लोक नाट्य साहित्य में प्रयुक्त विविध यंत्रों, दंत कथाओं, लोक गीत व अन्य तत्वों का ज्ञान प्राप्त करना।</p> <p>CO2- सांस्कृतिक विकास में लोक साहित्य और लोक संस्कृति के महत्व को समझना।</p> <p>CO3- लोक साहित्य और लोक संस्कृति के महत्व का पता लगाना।</p> <p>CO4- लोक साहित्य के विविध स्वरूप और क्षेत्रों का विश्लेषणात्मक अध्ययन करना।</p> <p>CO5- लोक साहित्य के विविध क्षेत्र का मूल्यांकन करना।</p> <p>CO6- विभिन्न लोक साहित्य में निहित लौकिक कथाओं की जांच करना।</p>
MHNE-304	गोस्वामी तुलसीदास (स)	<p>CO1- तुलसीदास की काव्यगत विशेषताओं और काव्य का ज्ञान।</p> <p>CO2- सगुण काव्यधारा की दार्शनिक, सांस्कृतिक व साहित्यिक परिस्थितियों को तुलसीदास साहित्य के माध्यम से समझना।</p> <p>CO3- तुलसी साहित्य के विविध पहलुओं की जांच करना।</p> <p>CO4- तुलसी साहित्य में निहित नैतिक और सामाजिक मूल्यों द्वारा समाज का विश्लेषण करना।</p> <p>CO5- वर्तमान समय में तुलसी साहित्य की प्रासंगिकता का मूल्यांकन करना।</p> <p>CO6- तुलसी की विश्व बन्धुत्व की भावना का वर्तमान परिपेक्ष्य में अध्ययन।</p>
MHNC-305	हिन्दी नाटक और रंगमंच	<p>CO1- नाट्य साहित्य संरचना के विविध क्षेत्रों का ज्ञान प्राप्त करना।</p>

		<p>CO2 -आधुनिक नाटक साहित्य के सामाजिक सांस्कृतिक संदर्भों को समझना।</p> <p>CO3- प्रसाद के नाटकों में राष्ट्रीय एवं सांस्कृतिक चेतना की जांच करना।</p> <p>CO4- भारतेन्दु हरिश्चंद्र, प्रसाद और मोहन राकेश के नाटकों का तत्विक विश्लेषण करना।</p> <p>CO5- हिंदी साहित्य के श्रेष्ठ नाटककार व उसके नाटकों का मूल्यांकन करना।</p> <p>CO6- नाटक और रंगमंच की अभिनय क्षमता का विकास।</p>
MHNC-306	शोध - प्रविधि	<p>CO1- शोध प्रबंध के विविध क्षेत्रों का ज्ञान।</p> <p>CO2- शोध प्रबंध लेखन की कार्यप्रणाली को समझना।</p> <p>CO3- किसी हिंदी में शोध की दशा और दिशा का पता लगाना।</p> <p>CO4- हिन्दी साहित्य की विविध विधा की ओर सर्जक, समीक्षा, अनुवादक एवं शोध की दृष्टि से विश्लेषण करना।</p> <p>CO5- शोध के विविध स्वरूपों का मूल्यांकन करना।</p> <p>CO6- शोध में विषय चयन के महत्व का अध्ययन करना।</p>
MHNP- 307	शोध-पत्र लेखन	<p>CO1- छात्र को विषय प्रस्तुतिकरण का ज्ञान प्राप्त होगा।</p> <p>CO2- शोध-पत्र लेखन की कार्यप्रणाली को समझना।</p> <p>CO3- हिंदी साहित्य में शोध की दशा और दिशा का पता लगाना।</p> <p>CO4- हिन्दी साहित्य की विविध विधा की ओर सर्जक, समीक्षा, अनुवादक एवं शोध की दृष्टि से विश्लेषण करना।</p> <p>CO5- शोध-पत्र लेखन के विविध स्वरूपों का मूल्यांकन करना।</p> <p>CO6- शोध-पत्र लेखन के माध्यम से विषय चयन के महत्व का अध्ययन करना।</p>

MHNC-401	प्रयोजनमूलक हिंदी	<p>CO1- प्रयोजनमूलक हिंदी की अवधारणा का ज्ञान।</p> <p>CO2- आधुनिक जनसंचार माध्यम की कार्यप्रणाली को समझना।</p> <p>CO3- अनुवाद के विभिन्न क्षेत्रों, कार्यप्रणाली व अनुवाद की प्रयोजनीयता की जांच करना।</p> <p>CO4- कार्यालय हिंदी भाषा के क्षेत्र कार्यालय एवं प्रशासनिक शब्दावली, प्रशासनिक प्रयुक्तियों का विश्लेषण।</p> <p>CO5- दृश्य श्रव्य माध्यम की भाषा का मूल्यांकन करना।</p> <p>CO6- साहित्य के माध्यम से दृश्य माध्यमों में रूपांतरण, विज्ञापन की भाषा, इंटरनेट सामग्री सृजन का पता लगाना।</p>
MHNC-402	बांग्ला साहित्य एवं हिंदी साहित्य का तुलनात्मक अध्ययन	<p>CO1- बांग्ला साहित्य के इतिहास व बांग्ला साहित्य की साहित्यिक पृष्ठभूमि का ज्ञान।</p> <p>CO2- बांग्ला साहित्य की श्रेष्ठ रचनाकारों और रचनाओं के माध्यम से बांग्ला साहित्य को समझना।</p> <p>CO3- बांग्ला साहित्य व भारतीय साहित्य के अन्तर की जांच करना।</p> <p>CO4- बांग्ला साहित्य के ज्ञान के आलोक में रचनाओं का विश्लेषण।</p> <p>CO5- आधुनिक बांग्ला गद्य साहित्य के उदभव और विकास का मूल्यांकन करना।</p> <p>CO6- बांग्ला साहित्य की रचनाओं के समाज में प्रभाव का पता लगाना।</p>
MHNC-403	हिमालय साहित्य एवं संस्कृति	<p>CO1- हिमालयी क्षेत्र में निवासित लेखकों की हिन्दी कविता का ज्ञान।</p> <p>CO2- हिमालयी कवियों और साहित्यकारों की विशेष रचनाओं के माध्यम से हिमालयी संस्कृति और सभ्यता को समझना।</p> <p>CO3- हिमालयी क्षेत्र में निवासित लेखकों की प्रमुख उपन्यासों का पता लगाना।</p> <p>CO4- उत्तराखण्ड पृष्ठभूमि पर आधारित कथाओं का विश्लेषण करना।</p> <p>CO5- हिमालयी क्षेत्र में निवासित लेखकों की प्रमुख उपन्यासों का मूल्यांकन करना।</p> <p>CO6- हिमालयी साहित्य के अध्ययन द्वारा साहित्य सृजन की प्रेरणा प्राप्त करना।</p>
MHNE- 403	गढ़वाली लोक साहित्य(अ)	<p>CO1- हिमालय क्षेत्र में निवासित कवियों की हिन्दी साहित्य सृजन का ज्ञान।</p>

		<p>CO2- हिमालयी लोक साहित्य के स्वरूप को समझना।</p> <p>CO3- प्रसिद्ध रचनाकारों की रचना के द्वारा हिमालय भूभाग के जनजीवन व पर्यावरण संरक्षण के महत्व की जांच करना।</p> <p>CO4- लोक गाथा, गढ़वाली की पौराणिक कथाओं का विश्लेषण करना।</p> <p>CO5- गढ़वाली लोक रचनाओं और रचनाकार की रचनाओं का मूल्यांकन करना।</p> <p>CO6- हिमालय साहित्य के अध्ययन के द्वारा साहित्य रचना की प्रेरणा प्राप्त करना।</p>
MHNE- 403	जनपदीय साहित्य (ब)	<p>CO1- गढ़वाली लोक साहित्य के माध्यम से गढ़वाली साहित्य एवं सभ्यता का ज्ञान।</p> <p>CO2- गढ़वाली लोक साहित्य की वैचारिक पृष्ठभूमि और इतिहास को समझना।</p> <p>CO3- गढ़वाली लोक साहित्य से जुड़ी समस्याओं की जांच करना।</p> <p>CO4- गढ़वाली लोक साहित्य के प्रमुख रचनाकार और रचनाओं के माध्यम से गढ़वाली लोक साहित्य का विश्लेषण करना।</p> <p>CO5- गढ़वाली उपन्यास- अक्कलवर को और जोनि पर छापू किले का मूल्यांकन करना।</p> <p>CO6- कुमाऊं और गढ़वाल के लोक साहित्य द्वारा लोक साहित्य का अध्ययन।</p>
MHNE- 405	पत्रकारिता प्रशिक्षण(अ)	<p>CO1- पत्रकारिता के विभिन्न पहलुओं का ज्ञान प्राप्त करना।</p> <p>CO2- पत्रकारिता प्रबंध तथा इलेक्ट्रॉनिक मीडिया की पत्रकारिता व प्रिंट पत्रकारिता को समझना।</p> <p>CO3- संपादकीय फीचर रिपोर्टाज, खोजी समाचार, आदि की प्रविधि का पता लगाना।</p> <p>CO4- प्रेस संबंधी कानून और चतुर्थ स्तंभ के रूप में पत्रकारिता के दायित्व का विश्लेषण करना।</p> <p>CO5- इलेक्ट्रॉनिक मीडिया की पत्रकारिता का मूल्यांकन करना।</p> <p>CO6- प्रसार भारती, सूचना प्रौद्योगिकी मंत्रालय की कार्यप्रणाली की प्रविधि को जानना।</p>

MHNE- 405	दृश्य श्रव्य माध्यम लेखन(ब)	<p>CO1- संचार माध्यमों की भाषा का ज्ञान।</p> <p>CO2- आधुनिक संचार माध्यमों से संबंधित क्षेत्र को समझना।</p> <p>CO3- आधुनिक समाज में संचार माध्यमों के उपयोग और आवश्यकता की जांच करना।</p> <p>CO4- इलेक्ट्रॉनिक मीडिया द्वारा प्रसारित समाचारों के संकलन- संपादन और प्रस्तुतीकरण की प्रविधि का विश्लेषण।</p> <p>CO5- हिंदी के समक्ष आधुनिक जन और सूचना प्रौद्योगिकी की चुनौतियां का मूल्यांकन करना।</p> <p>CO6- दृश्य श्रव्य सामग्री का सामंजस्य, इंटरनेट सामग्री सृजन का विकास।</p>
MHNC-406	लघु शोध प्रबंध	<p>CO1- शोध प्रबंध की प्रविधि का ज्ञान।</p> <p>CO2- लघु शोध ग्रंथ के विषय को समझना।</p> <p>CO3- अपने विषय के अनुसार साहित्य की जांच करना।</p> <p>CO4- लघु शोध ग्रंथ के विषय सामग्री का विश्लेषण करना।</p> <p>CO5- लघु शोध ग्रंथ का मूल्यांकन करना।</p> <p>CO6- लघु शोध प्रबंध का निर्माण करना।</p>

M.A GARHWALI LANGUAGE AND CULTURE

Program Specific Outcome (PSO)

PSO 1	प्रस्तुत कार्यक्रम के माध्यम से छात्र गढ़वाली, कुमाउनी भाषा के व्याकरण संबंधित नियमों से भली भांति परिचित हो सकेंगे।
PSO2	रोजगार की दृष्टि से अनुवाद के क्षेत्र में अपना भविष्य निर्धारित कर सकते हैं और शोध कार्यों को बढ़ावा दिया जा सकता है।
PSO3	गढ़वाली पत्रकारिता और साहित्य लेखन के क्षेत्र में भविष्य निर्धारण कर उचित आर्थिकी प्राप्त कर पाएंगे।
PSO4	गढ़वाली गीत लेखन, गायन और संगीत के क्षेत्र में कार्य किया जा सकता है।

Course Outcome (CO)

Course Code	Subject Name	Course Outcomes
MGLC-101	गढ़वाली भाषा एवं व्याकरण	<p>CO1- व्याकरण संबंधित नियमों का ज्ञान होगा।</p> <p>CO2- गढ़वाली व्याकरण की बारीकियों को समझेंगे।</p> <p>CO3- व्याकरण संबंधित नियमों से परिचित होकर गढ़वाली शब्दों को प्रयोग करेंगे।</p>

		<p>CO4- वाक्य विश्लेषण कर पाएंगे। CO5- गढ़वाली शब्दों का संश्लेषण कर पाएंगे। CO6- गढ़वाली व्याकरण के सभी रूपों का मूल्यांकन करेंगे।</p>
MGLC-102	गढ़वाली भाषा और साहित्य का इतिहास-प्राचीन एवं मध्यकालीन	<p>CO1- प्राचीन और मध्यकालीन इतिहास का ज्ञान होगा। CO2- गढ़वाल में साहित्य इतिहास लेखन परंपरा को समझेंगे। CO3- गढ़वाली साहित्य को प्रयोग में लाएंगे। CO4- साहित्यिक इतिहास के स्रोतों का विश्लेषण करेंगे। CO5- गढ़वाली साहित्य में भूगोल और पर्यावरण का संश्लेषण करेंगे। CO6- गढ़वाली साहित्य में पौराणिक आख्यान का मूल्यांकन करेंगे।</p>
MGLC-103	जनसंचार एवं पत्रकारिता	<p>CO1- गढ़वाली पत्रकारिता का ज्ञान होगा। CO2- पत्रकारिता के मुख्य सिद्धांतों को समझेंगे। CO3- पत्रकारिता को दैनिक व्यवहार में प्रयोग करेंगे। CO4- समाचार पत्रों के विभिन्न स्तंभों का विश्लेषण करेंगे। CO5- पत्रकारिता के प्रकारों का संश्लेषण करेंगे। CO6- जनसंचार और पत्रकारिता का मूल्यांकन कर पाएंगे।</p>
MGLC-104	लोक साहित्य	<p>CO1- गढ़वाली लोक साहित्य का ज्ञान होगा। CO2- लोक साहित्य का अर्थ, स्वरूप और प्रवृत्ति समझेंगे। CO3- लोक साहित्य के वर्गीकरण को दैनिक व्यवहार में प्रयोग करेंगे। CO4- गढ़वाली लोकगीत का विश्लेषण कर पाएंगे। CO5- गढ़वाली लोकगाथाओं का संश्लेषण कर पाएंगे। CO6- गढ़वाली लोक साहित्य का स्वरूप एवं संभावनाओं का मूल्यांकन करेंगे।</p>
MGLC-105	अनुवाद-गढ़वाली भाषा के सिद्धांत एवं अभ्यास	<p>CO1- अनुवाद का अर्थ स्वरूप और प्रकारों का ज्ञान होगा। CO2- अनुवाद की प्रकृति, उपयोगिता एवं आवश्यकता को समझेंगे। CO3- गढ़वाली भाषा में अनुवाद को दैनिक व्यवहार में प्रयोग करेंगे। CO4- अनुवाद की प्रक्रिया, प्रकार और समस्याओं का विश्लेषण कर पाएंगे। CO5- अनुवाद की इकाइयों का संश्लेषण कर पाएंगे। CO6- गढ़वाली भाषा में व्यावहारिक अनुवाद का मूल्यांकन कर पाएंगे।</p>
MGLC-106	गढ़वाली कथा साहित्य	<p>CO1- गढ़वाली कथा साहित्य का ज्ञान होगा। CO2- साहित्य के माध्यम से यथार्थ की समस्याओं को समझेंगे। CO3- साहित्य लेखन को दैनिक व्यवहार में प्रयोग करेंगे। CO4- कथा साहित्य का विश्लेषण कर पाएंगे। CO5- गद्य की विधाओं का संश्लेषण कर पाएंगे।</p>

		CO6- कहानी, उपन्यास, नाटक का मूल्यांकन कर पाएंगे।
MGLP-107	सेमिनार	CO1- व्यावसायिक विकास के अवसरों की पहचान का बोध होगा। CO2- मूल्यांकन करने के लिए आलोचनात्मक सोच और विश्लेषणात्मक कौशल को समझेंगे। CO3- चुने गए विषय से संबंधित अनुसंधान, सिद्धांत और अनुभवजन्य साक्ष्य को प्रयोग करेंगे। CO4- शोधोन्मुख विषयों का विश्लेषण कर पाएंगे। CO5- गढ़वाली साहित्य का ज्ञान प्राप्त करने के लिए चुने गए विषय के विभिन्न दृष्टिकोणों का मूल्यांकन कर पाएंगे। CO6- प्रस्तुतिकरण कौशल में दक्षता विकसित कर पाएंगे।
MGLC-201	गढ़वाली भाषा: उत्पत्ति और विकास	CO1- गढ़वाली भाषा की उत्पत्ति और विकास का ज्ञान होगा। CO2- गढ़वाल की पृष्ठभूमि को समझेंगे। CO3- गढ़वाली की विभिन्न बोलियों को अपने दैनिक व्यवहार में प्रयोग करेंगे। CO4- गढ़वाली भाषा के इतिहास और साहित्य का विश्लेषण करेंगे। CO5- साहित्यकारों का हिंदी और गढ़वाली में योगदान का संश्लेषण करेंगे। CO6- गढ़वाली एवं उत्तराखंड की अन्य भाषाओं का मूल्यांकन करेंगे।
MGLC-202	गढ़वाली साहित्य का इतिहास	CO1- गढ़वाली साहित्य के इतिहास की विकास यात्रा का ज्ञान होगा। CO2- गढ़वाली लोक साहित्य को समझेंगे। CO3- गढ़वाली साहित्य और समालोचना का प्रयोग करेंगे। CO4- गढ़वाली साहित्य की विधाओं का विश्लेषण करेंगे। CO5- गढ़वाली की साहित्यिक पत्रकारिता का संश्लेषण करेंगे। CO6- गढ़वाली साहित्य में जीवन मूल्यों का मूल्यांकन करेंगे।
MGLC-203	गढ़वाली भाषा काव्य (प्रथम भाग)	CO1- गढ़वाली काव्य का ज्ञान होगा। CO2- साहित्य के माध्यम से प्रकृति और पर्यावरण के मध्य सामंजस्य को समझेंगे। CO3- काव्य लेखन को दैनिक जीवन में प्रयोग कर पाएंगे। CO4- गढ़वाली लेखकों का अपनी भाषा के प्रति प्रेम का विश्लेषण कर पाएंगे। CO5- गढ़वाली लेखकों के साहित्य का संश्लेषण कर पाएंगे। CO6- गढ़वाली कविताओं का मूल्यांकन करेंगे।
MGLC-204	गढ़वाली गद्य साहित्य	CO1- गढ़वाली गद्य साहित्य का ज्ञान होगा। CO2- गद्य की विविध विधाओं को समझेंगे। CO3- कहानी, उपन्यास, नाटक लेखन को अपने दैनिक जीवन में प्रयोग करेंगे। CO4- साहित्य के माध्यम से समाज में चल रही समस्याओं का

		<p>विश्लेषण हुआ।</p> <p>CO5- गढ़वाली गद्य की विधाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली गद्य का मूल्यांकन कर पाएंगे।</p>
MGLC-205	प्रयोजनमूलकगढ़वाली	<p>CO1- प्रयोजनमूलक गढ़वाली के अर्थ, स्वरूप और महत्व का ज्ञान होगा।</p> <p>CO2- प्रयोजनमूलक गढ़वाली के विविध रूपों को समझेंगे।</p> <p>CO3- गढ़वाली में पत्र व्यवहार को दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली में सूचना, विज्ञापन, संवाद, रिपोर्ट लेखन आदि का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली में कहानी, भाषण, संदेश, समाचार लेखन का संश्लेषण कर पाएंगे।</p> <p>CO6- प्रयोजनमूलक गढ़वाली का मूल्यांकन कर पाएंगे।</p>
MGLC-206	सांस्कृतिक पर्यटन	<p>CO1- गढ़वाल में सांस्कृतिक पर्यटन का बोध होगा।</p> <p>CO2- पर्यटन के प्रभावों को समझेंगे।</p> <p>CO3- पर्यटन को व्यवसाय और मनोरंजन की दृष्टि से प्रयोग कर पाएंगे।</p> <p>CO4- उत्तराखंड की सांस्कृतिक विरासत का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाल के उत्सव, कलाएं, संगीत एवं वाद्ययंत्रों का संश्लेषण कर पाएंगे।</p> <p>CO6- उत्तराखंड में पर्यटन उद्योग और भावी संभावनाओं का मूल्यांकन कर पाएंगे।</p>
MGLP-207	पुस्तक समीक्षा	<p>CO1- लेखक की रचनात्मकता एवं लेखन शैली का बोध होगा।</p> <p>CO2- लेखक की योग्यता, विषय वस्तु का संगठन, प्रस्तुतीकरण, पठनीयता, शुद्धता, दृष्टान्तता, अनुकूलनीयता इत्यादि को समझेंगे।</p> <p>CO3- लेखन कार्य को अपने दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- लेखक की भाषा के साथ-साथ उसकी शैली का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली साहित्यकारों के साहित्य का मूल्यांकन कर पाएंगे।</p> <p>CO6- प्रस्तुतिकरण कौशल में दक्षता विकसित कर पाएंगे।</p>
MGLC-301	गढ़वाली लोक साहित्य	<p>CO1- गढ़वाली के प्रकाशित और अप्रकाशित साहित्य बोध हुआ।</p> <p>CO2- गढ़वाली साहित्य में गीत विधा को समझेंगे।</p> <p>CO3- गढ़वाली लोकगाथा और पौराणिक गाथाओं का नाट्य रूपांतरण दैनिक व्यवहार में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली लोककथाओं का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली लोकनाट्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लोक साहित्य का मूल्यांकन कर पाएंगे।</p>

MGLC-302	गढ़वाल में सांस्कृतिक संचार और भाषाई पत्रकारिता	<p>CO1- गढ़वाली पत्रकारिता का बोध होगा।</p> <p>CO2- संचार का अर्थ, प्रक्रिया, भूमिका और प्रकार को समझेंगे।</p> <p>CO3- साहित्यिक और सांस्कृतिक पत्रकारिता को दैनिक व्यवहार में प्रयोग कर पाएंगे।</p> <p>CO4- भाषाई पत्रकारिता का विश्लेषण कर पाएंगे।</p> <p>CO5- सांस्कृतिक पत्रकारिता एवं गढ़वाली पत्रकारिता का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली क्षेत्र की पत्रकारिता और गढ़वाली क्षेत्र से इतर पत्रकारिता का मूल्यांकन कर पाएंगे।</p>
MGLC-303	गढ़वाली भाषा काव्य (द्वितीय भाग)	<p>CO1- गढ़वाली भाषा काव्य का ज्ञान होगा।</p> <p>CO2- साहित्य के माध्यम से पहाड़ की व्यथा को समझेंगे।</p> <p>CO3- काव्य लेखन को दैनिक व्यवहार में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली लेखकों के साहित्य का तुलनात्मक विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली साहित्य का संश्लेषण कर पाएंगे।</p> <p>CO6- समस्त साहित्यकारों के साहित्य का मूल्यांकन कर पाएंगे।</p>
MGLE-304 (I)	गढ़वाली साहित्य मंजूषा (विकल्प-1)	<p>CO1- गढ़वाली भाषा के गद्य और पद्य का बोध होगा।</p> <p>CO2- गढ़वाली साहित्य के माध्यम से उत्तराखंड के नैसर्गिक सौंदर्य को समझ पाएंगे।</p> <p>CO3- गद्य और पद्य लेखन को दैनिक जीवन में प्रयोग कर पाएंगे।</p> <p>CO4- गद्य और पद्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गद्य और पद्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली काव्य और गद्य का मूल्यांकन कर पाएंगे।</p>
MGLE-304 (II)	कुमाउनी भाषा एवं व्याकरण (विकल्प-2)	<p>CO1- व्याकरण संबंधित नियमों का ज्ञान होगा।</p> <p>CO2- कुमाउनी व्याकरण की बारीकियों को समझेंगे।</p> <p>CO3- व्याकरण संबंधित नियमों से परिचित होकर कुमाउनी शब्दों को प्रयोग करेंगे।</p> <p>CO4- वाक्य विश्लेषण कर पाएंगे।</p> <p>CO5- कुमाउनी शब्दों का संश्लेषण कर पाएंगे।</p> <p>CO6- कुमाउनी व्याकरण के सभी रूपों का मूल्यांकन करेंगे।</p>
MGLE-305(I)	गढ़वाली गद्य मंजूषा (विकल्प-1)	<p>CO1- गद्य के सामान्य परिचय का ज्ञान हुआ।</p> <p>CO2- साहित्य के माध्यम से समाज की यथार्थ समस्याओं को समझेंगे।</p> <p>CO3- साहित्य लेखन को दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- गढ़वाली लेखकों का अपनी भाषा के प्रति प्रेम का विश्लेषण कर पाएंगे।</p> <p>CO5- गद्य की विधाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- कहानी, उपन्यास, नाटक, एकांकी का मूल्यांकन कर</p>

		पाएंगे।
MGLE-305(II)	कुमाउनी साहित्य का इतिहास (विकल्प-2)	<p>CO1- कुमाउनी भाषा के इतिहास का ज्ञान होगा।</p> <p>CO2- कुमाउनी साहित्य की पृष्ठभूमि को समझेंगे।</p> <p>CO3- कुमाउनी की विभिन्न बोलियों को अपने दैनिक व्यवहार में प्रयोग करेंगे।</p> <p>CO4- कुमाउनी भाषा के इतिहास और साहित्य का विश्लेषण करेंगे।</p> <p>CO5- कुमाउनी साहित्य की साहित्यिक प्रवृत्ति एवं विशेषताओं का संश्लेषण करेंगे।</p> <p>CO6- कुमाउनी लेखकों का कुमाउनी साहित्य और हिंदी साहित्य में योगदान का मूल्यांकन करेंगे।</p>
MGLE-306(I)	गढ़वाली लोकगीत: स्वरूप एवं साहित्य (विकल्प-1)	<p>CO1 गढ़वाली लोकगीत के स्वरूप और साहित्य का बोध हुआ।</p> <p>CO2- लोकगीतों की विशेषताओं और वर्गीकरण को समझेंगे।</p> <p>CO3- गढ़वाली लोकगीतों को दैनिक व्यवहार में प्रयोग कर पाएंगे।</p> <p>CO4- लोकगीतों में निरूपित लोक जीवन का विश्लेषण हुआ।</p> <p>CO5- लोकगीतों में रस योजना का संश्लेषण कर पाएंगे।</p> <p>CO6- लोकगीतों में सामाजिक सरोकार का मूल्यांकन कर पाएंगे।</p>
MGLE-306(II)	कुमाउनी संस्कृति (विकल्प-2)	<p>CO1- संस्कृति का अर्थ, परिभाषा और स्वरूप, सभ्यता और संस्कृति में अंतर का बोध होगा।</p> <p>CO2- कुमाऊं के रीति रिवाजों को समझेंगे।</p> <p>CO3- कुमाउनी संस्कृति को अपने दैनिक व्यवहार में अनुप्रयोग करेंगे।</p> <p>CO4- कुमाउनी समाज और संस्कृति का विश्लेषण कर पाएंगे।</p> <p>CO5- कुमाउनी भाषा और संस्कृति का संश्लेषण कर पाएंगे।</p> <p>CO6- कुमाउनी संस्कृति का मूल्यांकन कर पाएंगे।</p>
MGLP-307	सेमिनार	<p>CO1- व्यावसायिक विकास के अवसरों की पहचान का बोध होगा।</p> <p>CO2- मूल्यांकन करने के लिए आलोचनात्मक सोच और विश्लेषणात्मक कौशल को समझेंगे।</p> <p>CO3- चुने गए विषय से संबंधित अनुसंधान, सिद्धांत और अनुभवजन्य साक्ष्य को प्रयोग करेंगे।</p> <p>CO4- शोधोन्मुख विषयों का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली साहित्य का ज्ञान प्राप्त करने के लिए चुने गए विषय के विभिन्न दृष्टिकोणों का मूल्यांकन कर पाएंगे।</p> <p>CO6- प्रस्तुतिकरण कौशल में दक्षता विकसित कर पाएंगे।</p>
MGLC-401	गढ़वाली गीत: सृजन, गायन एवं संगीत	<p>CO1- गढ़वाली गीत, सृजन एवं गायन का बोध होगा।</p> <p>CO2- गढ़वाली लोकगीतों द्वारा दिए गए संदेश को समझेंगे।</p> <p>CO3- गढ़वाली लोकगीतों के माध्यम से दी गई संवेदनाओं को</p>

		<p>दैनिक व्यवहार में नाटकीय रूप में प्रयोग कर पाएंगे।</p> <p>CO4- लोक गायिकी की भूमिका का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली लोकधुन और संगीत संजीवनी का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लोक जीवन एवं लोक वाद्ययंत्रों का मूल्यांकन कर पाएंगे।</p>
MGLC-402	गढ़वाली संस्कृति	<p>CO1- गढ़वाली संस्कृति का ज्ञान होगा।</p> <p>CO2- गढ़वाल के रीति रिवाजों को समझेंगे।</p> <p>CO3- उत्तराखंड की संस्कृति को अपने दैनिक व्यवहार में अनुप्रयोग करेंगे।</p> <p>CO4- उत्तराखंड की बोलियों का विश्लेषण कर पाएंगे।</p> <p>CO5- वैश्विक पटल पर गढ़वाली संस्कृति का संश्लेषण कर पाएंगे।</p> <p>CO6- उत्तराखंड की संस्कृति के सांस्कृतिक संरक्षण एवं प्रदेश सरकार का प्रदेय का मूल्यांकन कर पाएंगे।</p>
MGLC-403	गढ़वाली लोक साहित्य के उन्नायक गोविन्द चातक	<p>CO1- गढ़वाली साहित्य के संग्रहण में गोविंद चातक के योगदान का ज्ञान हुआ।</p> <p>CO2- गढ़वाली लोकगीतों के विविध रूपों को समझेंगे।</p> <p>CO3- गढ़वाली लोकगीतों को अपने दैनिक शुभ कार्यों में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली लोकगीतों का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली लोकगीतों का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली साहित्य में गोविंद चातक द्वारा संकलित लोकगीतों का मूल्यांकन कर पाएंगे।</p>
MGLE-404 (I)	प्राचीन एवं आधुनिक गढ़वाली कविता (विकल्प - 1)	<p>CO1- प्राचीन और आधुनिक गढ़वाली कविताओं का ज्ञान प्राप्त हुआ।</p> <p>CO2- लोक प्रचलित कहानियों को काव्य के माध्यम से समझेंगे।</p> <p>CO3- काव्य लेखन को दैनिक व्यवहार में प्रयोग कर पाएंगे।</p> <p>CO4- गढ़वाली काव्य का विश्लेषण कर पाएंगे।</p> <p>CO5- गढ़वाली काव्य का संश्लेषण कर पाएंगे।</p> <p>CO6- गढ़वाली लेखकों के साहित्य का मूल्यांकन कर पाएंगे।</p>
MGLE-404 (II)	कुमाउनी गद्य साहित्य(विकल्प -2)	<p>CO1- कुमाउनी गद्य साहित्य का ज्ञान होगा।</p> <p>CO2- गद्य की विविध विधाओं को समझेंगे।</p> <p>CO3- कहानी, उपन्यास, नाटक लेखन को अपने दैनिक जीवन में प्रयोग करेंगे।</p> <p>CO4- साहित्य के माध्यम से समाज में चल रही समस्याओं का विश्लेषण हुआ।</p> <p>CO5- कुमाउनी गद्य की विधाओं का संश्लेषण कर पाएंगे।</p> <p>CO6- कुमाउनी गद्य का मूल्यांकन कर पाएंगे।</p>
MGLE-405(I)	गढ़वाल की कला और	<p>CO1- गढ़वाल की कला और वास्तुकला के इतिहास का बोध</p>

	वास्तुकला (विकल्प -1)	होगा। CO2- मंदिरों में स्थापत्य कला के इतिहास को समझेंगे। CO3- भवनों के निर्माण में वास्तुकला का प्रयोग कर पाएंगे। CO4- वास्तुकला और स्थापत्य कला का विश्लेषण कर पाएंगे। CO5- काष्ठकला और वास्तुकला का संश्लेषण कर पाएंगे। CO6- प्राकृतिक सौंदर्य हेतु वास्तुकला, स्थापत्य कला और काष्ठकला का मूल्यांकन कर पाएंगे।
MGLE-405(II)	कुमाउनी पद्य साहित्य (विकल्प -2)	CO1- कुमाउनी साहित्य का ज्ञान होगा। CO2- कुमाउनी साहित्य के माध्यम से उत्तराखंड के नैसर्गिक सौंदर्य को समझ पाएंगे। CO3- काव्य लेखन को दैनिक व्यवहार में प्रयोग कर पाएंगे। CO4- कुमाउनी लेखकों के साहित्य का तुलनात्मक विश्लेषण कर पाएंगे। CO5- कुमाउनी साहित्यका संश्लेषण कर पाएंगे। CO6- कुमाउनी भाषा के कवि और उनकी कृतियों का मूल्यांकन कर पाएंगे।
MGLC-406	लघु शोध प्रबंध	CO1- शोध कार्य करने का बोध होगा। CO2- शोध की बारीकियों को समझेंगे। CO3- शोध पत्र लेखन की विधियों को प्रयोग करेंगे। CO4- गढ़वाली लेखकों के साहित्य का विश्लेषण कर पाएंगे। CO5- गढ़वाली लेखकों के साहित्य का संश्लेषण कर पाएंगे। CO6- गढ़वाली लेखकों के साहित्य का मूल्यांकन कर पाएंगे।
MGLS-407 (Self Study)	गढ़वाली लोकगाथा	CO1- लोकगाथा के अर्थ और स्वरूप का बोध होगा। CO2- गढ़वाली लोकगाथाओं को समझेंगे। CO3- लोकगाथा को नाट्य रूपांतरण करके मंच पर अभिनव प्रयोग कर पाएंगे। CO4- लौकिक गाथा और पौराणिक गाथा का विश्लेषण कर पाएंगे। CO5- लौकिक गाथा और पौराणिक गाथा का संश्लेषण कर पाएंगे। CO6- गढ़वाली लोकगाथाओं का मूल्यांकन कर पाएंगे।

M.A. SOCIAL WORK

Program Specific Outcome (PSOs)

PSO 1	Explain the fundamental concepts of society including values and the various types of social institutions such as marriage and family.
PSO2	Investigate motivational attitudes, beliefs, and prejudice in order to comprehend the various reasons for people's behavior.

PSO3	Gather knowledge about the schemes of the government and non- government organizations and to understand about the counselling of the clients; its procedures; method; uses; ways; concepts; scope techniques and problems of a counsellor.
PSO4	Analyze the human resource management's scope procedure; policies and theory of organization; man power planning job analysis and how to find the potential fits.

Course Code	Course Name	Outcome
MSWC-101	Basic Concept of Society	<p>CO1 Analyze the aspects of primary concepts of society.</p> <p>CO2 Understand the basic Social process of society.</p> <p>CO3 Develop skills of living with family, society and system</p> <p>CO4 Explain the basic sociological concepts and theories of society</p> <p>CO5 Interpret basic concepts of society, social process and socializations etc.</p> <p>CO6 Acquire skills to identify and critically analyze existing and emerging social problems.</p>
MSWC-102	Dynamics of Personality & Human Behaviour	<p>CO1 Develop a critical perspective of the theories of human behaviour and personality.</p> <p>CO2 Apply concepts and theories of socio-psychological process in social work practices.</p> <p>CO3 Analyze human behaviour and problems related to it; aspects of adjustment and leadership.</p> <p>CO4 Determine the concept of normalcy and Abnormalcy in human behaviour</p> <p>CO5 Provide knowledge about personality, socio-psychological processes, motivation and human behaviour at the end of the course.</p> <p>CO6 Understand the leadership qualities</p>
MSWC-103	Theory & Practice of Social Work	<p>CO1 Discriminate among social work and other related terms.</p> <p>CO2 Delineate the history of social work in different countries.</p> <p>CO3 Explore different aspects of social</p>

		<p>work.</p> <p>CO4 Discuss nature of Social work practices in different settings</p> <p>CO5 Develop professionalism and the persona of a professional social work practitioner</p> <p>CO6 know the principles, values, ethics, knowledge, attitudes, skills and techniques required by a professional social worker working in different settings</p>
MSWC-104	Social Welfare Services	<p>CO1 Implementing social welfare concepts in society.</p> <p>CO2 Examine Indian government and non-government organizations' plans for social welfare services</p> <p>CO3 Learn about Central Social Welfare Board and its process and operations</p> <p>CO4 Discuss social welfare and development programmes on different levels and groups of people</p> <p>CO5 Develop an insight to social welfare administration, its mechanism and social welfare agencies</p> <p>CO6 Make awareness and uplift Backward classes</p>
MSWL-105	Practical Based on Concurrent Field Work	<p>CO1 Explore the functions and duties of field work.</p> <p>CO2 Examine the concepts of self awareness and orientation of field work.</p> <p>CO3 Familiarize with the professional role of Social Workers; to understand the concept and importance of field work in Social Work education.</p> <p>CO4 Identify the role of Social Workers in different sectors</p> <p>CO5 Make visual and oral presentations based on the community analysis and projects undertaken</p> <p>CO6 Practice a community intervention program/ project based on community learning.</p>

MSWL106	Seminar	<p>CO1 Understand the features of presentation.</p> <p>CO2 Analyse and appreciate diverse perspectives and contributions</p> <p>CO3 Identify relevant information, defining and explaining topics under discussion</p> <p>CO4 Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5 Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6 Use of visual, audio and audio-visual materials to support the presentation.</p>
MSWC-201	Social Disorganization & Contemporary Social Problems	<p>CO1 Apply the concepts and approaches of social disorganization.</p> <p>CO2 Determine the causes of ancient and contemporary social problems</p> <p>CO3 Explain the terms of juvenile delinquency and crime.</p> <p>CO4 Discuss various types and theories of violence.</p> <p>CO5 Apply theories by utilizing the knowledge of biological, sociological, cultural, psychological and spiritual development across the life span</p> <p>CO6 Employ a bio-psychosocial framework for assessment, intervention and evaluation</p>

MSWC-202	Method of Social Work Intervention	<p>CO1 Explain social casework as a method of social work practice.</p> <p>CO2 Enumerate the steps, principles, and theories underlying social case work</p> <p>CO3 Discuss the concept of social group work, as well as its processes, goals, and principles in development</p> <p>CO4Comprehend the concept, context and strategies of community work.</p> <p>CO5 Critically evaluate the history of community organization in India</p> <p>CO6 Understand Social Groups work as a Method of Social Work</p>
MSWC-203	Basic Principles of Social Research	<p>CO1 Recollect the nature and relevance of social science research, as well as its application in the study of social phenomena.</p> <p>CO2 Understand the steps and process of developing a research design</p> <p>CO3 Explain data collection and social surveys in research.</p> <p>CO4Discuss data processing, analysis, and interpretation.</p> <p>CO5 Identify researchable area/topic in Social Work</p> <p>CO6Acquire analytical skills within the field of Social Work research.</p>
MSWC-204	Communication & Social Work Practice	<p>CO1 Explain the concepts, definition, steps and method of communication.</p> <p>CO2 Discuss communication theories and forms.</p> <p>CO3 Acquaint with the effect of media and information</p> <p>CO4 Investigate competencies required by social workers for addressing social issues using media and information literacy.</p> <p>CO5 Make visual and oral presentations based on the community analysis and projects undertaken</p> <p>CO6 Elaborate press conference and press notes</p>
MSWL-201	Practical Based on Concurrent Field Work	<p>CO1 Provide an exposure and understanding about the various agencies.</p> <p>CO2 Understand and appreciate Programmes and projects of governmental and non-governmental organizations critically.</p> <p>CO3 Describe the skilful application of programme media</p> <p>CO4 Develop Skills in report writing.</p> <p>CO5 Make visual and oral presentations based on</p>

		the community analysis and projects undertaken CO6 Practice a community intervention program/project based on community learning.
MSWL202	Seminar	CO1 Understand the features of presentation. CO2 Analyse and appreciate diverse perspectives and contributions CO3 Identify relevant information, defining and explaining topics under discussion. CO4 Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness. CO5 Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes. CO6 Use of visual, audio and audio-visual materials to support the presentation.
MSWC-301	Social Policy, Planning & Development	CO1 Develop an understanding of the concept of social policy and its objectives and approaches. CO2 Discuss the concept, nature, and evolution of social planning in India CO3 Describe the historical and social context of India's development. CO4 Analyze all important aspects for the development of Minorities such as child, woman and so on CO5 Acquire knowledge of policy and policy formulation processes CO6 Critically understand the concept, strategies and process of social development
MSWC-302	Social Welfare Administration & Social Action	CO1 Discuss the concept of social welfare and its administration. CO2 Describe the issues and functions of social welfare administration in India. CO3 Investigate the abolition of major social evils through social actions. CO4 Learn about people mobilization and organization CO5 Understand the basic concept, meaning, nature of social welfare administration as a method of Social Work CO6 Acquire competence in the administration of social welfare and developmental services.
MSWC-303	Social Statistics &	CO1 Explore the statistics and their application in social research

	Computer Application	<p>CO2 Use the required tools to collect the data from the samples.</p> <p>CO3 Analyze the use of computers in various fields of social work.</p> <p>CO4 Apply independently the statistical tools including SPSS for data analysis.</p> <p>CO5 Communicate research findings through appropriate medium</p> <p>CO6 Empower one to design researches and apply qualitative as well as quantitative methods effectively.</p>
MSWE-301	Social Ecology environment & Management	<p>CO1 Explain social ecology and problems associated with it.</p> <p>CO2 Compare the various theoretical and ideological perspectives issues related to environment</p> <p>CO3 Explore all environmental legislation.</p> <p>CO4 Describe various environmental issues and movements</p> <p>CO5 Apply Social Work principles and strategies in working with environment protection</p> <p>CO6 Gain insights about environmental problems and challenges in the global and national context.</p>
MSWE-302	Developments of Youth & Welfare of the Aged	<p>CO1 Explain the fundamental concepts, needs and problems of youth in various sectors in India</p> <p>CO2 Learn about various youth policies.</p> <p>CO3 Discuss the status and role of elders in India.</p> <p>CO4 Understand the fundamentals of family, child, youth, elder, and senior citizen's welfare.</p> <p>CO5 to apply sociological insights and approaches in social work practice</p> <p>CO6 Problems of youth in contemporary Indian Society</p>
MSWL-301	Practical Based on Concurrent Field Work related to Ecology & Environment	<p>CO1 Explore the environment and the nature</p> <p>CO2 Define ecology and eco system.</p> <p>CO3 Tag eco-feminism and women role in society.</p> <p>CO4 Analyze Bio-diversity management and pollutions causing things.</p> <p>CO5 Familiarize with all aspects of water, sanitation and hygiene</p> <p>CO6 management and pollutions causing</p>
MSWL-302	Practical Based on Concurrent Field Work related to Youth	<p>CO1 Differentiate between various institutional and non-institutional provisions related to family, children, youth and elders.</p> <p>CO2 Identify the policies frame on family, children,</p>

	, Welfare & Aged	<p>young and elders.</p> <p>CO3 Visit different community welfare centres.</p> <p>CO4 Developing the knowledge about the various</p> <p>CO5 fields related to social work practice</p> <p>CO6 Explore different type of policy for youth</p>
MSWL303	Seminar	<p>CO1 Understand the features of presentation.</p> <p>CO2 Analyse and appreciate diverse perspectives and contributions</p> <p>CO3 Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4 Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5 Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6 Use of visual, audio and audio-visual materials to support the</p>
MSWS-301	Women Empowerment	<p>CO1 Describe the concept, nature, and goal of women's empowerment.</p> <p>CO2 Make them aware of Gender and differentiation between women and Gender.</p> <p>CO3 Discuss the state and federal government's programmes for women</p> <p>CO4 Examine gender discrimination critically.</p> <p>CO5 Aims and Objectives of the discipline of Women's Studies</p> <p>CO6 familiarize with the concept of women empowerment, feminism and its theories</p>
MSWS-302	Population dynamics	<p>CO1-Learn about fundamental components of population.</p> <p>CO2 Recognize relationships between age and gender structure.</p> <p>CO3 Impart knowledge on sources of population data and its management</p> <p>CO4 Describe Urbanization and related policies</p> <p>CO5 Know waste management and population planning methods, approaches and management procedures.</p> <p>CO6 Implications of population growth at micro and macro level: economic, social and</p>

		developmental
MSWC-401	Counselling and Social Work Practice	<p>CO1 Explain the meaning, process, stages and theories of counselling.</p> <p>CO2 Describe the basics of counselling and guidance</p> <p>CO3 Apply appropriate counselling techniques with special groups.</p> <p>CO4 Learn about contemporary trends in counselling.</p> <p>CO5 Gain knowledge about the fundamentals of Group Counselling</p> <p>CO6 Become competent to provide crisis counselling</p>
MSWC-402	Human Resource Management	<p>CO1 Learn about the concept, objectives, scope and current trends in Human Resource Management (HRM).</p> <p>CO2 Understand the inter relationship between HRM and HRD.</p> <p>CO3 Analyze man power planning, training and promotions.</p> <p>CO4 Apply collective bargaining and employee participation in management.</p> <p>CO5 Develop skills of professionals in performance management and employee training.</p> <p>CO6 Understand the Importance of Human Resource and Its various applications of strategies in HRM.</p>
MSWC-403	Dissertation & Viva-Voce	<p>CO1 Develop ability to initiate and conduct research.</p> <p>CO2 Plan research skills for identifying and selecting a research area and preparing research proposal</p> <p>CO3 Review literature and steps of research methodology.</p> <p>CO4 Be familiarized with the process of data analysis and report writing.</p> <p>CO5 Gain experience in data processing and analysis</p> <p>CO6 Develop skills in writing a research report</p>
MSWE-404	Rural Management	<p>CO1 Analyze the aspects of Indian rural community.</p> <p>CO2 Observe living conditions, housing, water supply and other amenities in rural areas.</p> <p>CO3 Explore the works and development of various agencies in the rural areas.</p>

		<p>CO4 Learn about different rural development Programmes.</p> <p>CO5 Understand the historical development of Rural community development.</p> <p>CO6 Interpret the policies, programmes and approaches of rural community development</p>
MSWE-405	Industrial Relations & Personal Management	<p>CO1 Investigate the Concept, Definition, Characteristics, Objectives, and different approaches to Industrial Relationships.</p> <p>CO2 Examine the Concept and the causes of Industrial disputes.</p> <p>CO3 Explain the workers' participation in management schemes in India.</p> <p>CO4 Investigate various types of industry-related acts.</p> <p>CO5 • Understand the problems of labour in different settings and workers' participation and industrial social work</p> <p>CO6 Become familiar with the concepts of labour welfare and industrial relations.</p>
MSWE-406	Medical and Psychiatric Social Work.	<p>CO1- Describe the history of medical and psychiatric social work, the concepts, principles, and scope of medical social workers.</p> <p>CO2 Gain insight into different types of mental disorders, their causes, manifestations and management</p> <p>CO3 State the hospital organization and its functions</p> <p>CO4- Explore different type of Infections and communicable diseases</p> <p>CO5 Integrate knowledge of health Social Work practices within theoretical frameworks of the discipline</p> <p>CO6 Develop appropriate skills and attitudes required for the practice of health Social Work</p>
MSWL-401	Practical Based on based on MSWE-404	<p>CO1 Explore the realities of life in rural and semi-rural areas.</p> <p>CO2 Observe living conditions, housing, water supply and other amenities in rural areas.</p> <p>CO3 Sharpen the Skills of rapport formation, situational analysis and awareness.</p> <p>CO4 Apply team work to understand the rural social system, its culture, and livelihood patterns</p> <p>CO5 Developing the knowledge about the various fields related to social work practice</p>

		CO6 Know the Agencies' nature, functions and staffing pattern.
MSWL-402	Practical Based on based on MSWE-405	CO1 Learn the system of any organization CO2 Plan to work in the industries. CO3 Use Social Work Practice organization in Correctional Institutions CO4 Developing knowledge about various fields related to social work practice CO5 Know the Agencies' nature, functions and staffing pattern. CO6 Develop knowledge about various fields related to social work practice
MSWL-403	Practical Based on based on MSWE-406	CO1 Apply methods of social work practices in Health sectors. CO2 Familiarize and utilize the documentation skills, psycho social methods & therapies for well being. CO3 Relate the structure and functions of Hospital Administration CO4 Practice the models of rehabilitation and develop insights on Medico legal challenges in health sectors CO5 Develop knowledge about various fields related to social work practice CO6 Categorize the areas of working of agencies and client's system
MSWL404	Seminar	CO1 Understand the features of presentation. CO2 Analyse and appreciate diverse perspectives and contributions CO3 Identify relevant information, defining and explaining topics under discussion. CO4 Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness. CO5 Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes. CO6 Use of visual, audio and audio-visual materials to support the presentation.
MSWS-401	Family and child welfare	CO1 Describe families as social systems and factors affecting the functions of family. CO2 Recognize the significance of family development and family rights. CO3 Learn about the policies related to family,

		<p>programmers, and services.</p> <p>CO4 Develop skills of working with family systems. Learn about the policies related to family, programmers, and services.</p> <p>CO5 Develop skills of working with family systems and children</p> <p>CO6 Comprehend the significance of child development and rights of children</p>
MSWS-402	Culture & Society in Uttarakhand	<p>CO1 Introduce & Society in Uttarakhand.</p> <p>CO2 Provide learner with opportunity to develop understanding of various photographic and digital Media</p> <p>CO3 Photography in Ethnographic Research: Implication in social sciences</p> <p>CO4 Trace Indigenous Uses of Photography:</p> <p>CO5 Analyse Ethnographic culture & Society in Uttarakhand</p> <p>CO6 To create documentation of personal experiences through Garhwal & Kumaun culture</p>

MA/M.Sc (STATISTICS)

Program Specific Outcome (PSO)

PSO 1	Attain an in-depth understanding of fundamental and advanced statistical concepts, methods, and techniques for effective application in real-world scenarios.
PSO2	Gain expertise in data handling, modeling, and inference-making to extract meaningful insights from structured and unstructured datasets.
PSO3	Foster the ability to design, conduct, and critically analyze statistical research, contributing to academic and industry-specific knowledge.
PSO4	Acquire proficiency in statistical software and computational tools for data analysis, fostering efficiency and innovation in statistical practice.

Course Outcomes (CO)

Course Code	Course Name	Outcome
MSTC101	Real Analysis & Complex Analysis	<p>CO1- Identify the concept of a real analysis, continuity and discontinuity of functions.</p> <p>CO2- Describe the Concept of differentiability and application of roll's theorem, mean value theorem.</p>

		<p>CO3- Apply Measures of Riemann integration and fundamental theorem of integral calculus.</p> <p>CO4- Analysis the Concept of analytic functions, conformal representation, complex integration and taylor's and laurent's series.</p> <p>CO5- Evaluate the different theoretical approaches of complex analysis.</p> <p>CO6- Develop the critical thinking and skills for solving real analysis.</p>
MSTC102	Matrices & Linear Algebra	<p>CO1- Identify the concept of a matrices and types of matrices.</p> <p>CO2- Describe determinant, rank and invers of a matrix.</p> <p>CO3- Able to classify Measures of vector space, subspace, linear dependence and independence.</p> <p>CO4- Analysis Concept of canonical form, hemite canonical form diagonal form, triangular form, Jordan form etc.</p> <p>CO5- Evaluate the matrices concept and theories.</p> <p>CO6- Develop critical analytical abilities.</p>
MSTC103	Measure Theory & Probability	<p>CO1- Identify the concept of a probability and its utility in real life problem.</p> <p>CO2- Describe the concept of measure and integration, classes of sets, sigma fields, measure probability and its properties of a measure.</p> <p>CO3- Apply Concept of baye's theorem and its application, random variable, marginal and conditional distribution and expectation with its properties.</p> <p>CO4- Analysis the Concept of weak law of large number, strong law of large number, Bernoulli theorem, convergence in distribution and Kolmogorov's theorem.</p> <p>CO5- Evaluate the measure theories and probability</p> <p>CO6- Develop an understanding of the probability in relation to the other.</p>

MSTC104	Distribution Theory	<p>CO1 Identify discrete and continuous distributions and identify their characteristics. Students will be able to identify the type of statistical situation to which different distributions can be applied.</p> <p>CO2 Describe sampling distribution theory and their applications in statistical inference. Chi- square, t and F distribution, Chebyshev's inequality.</p> <p>CO3 Apply various test used in sampling theory. Use the different test in solving statistical problems.</p> <p>CO4 Analysis the process of fitting of various distributions and their utility in practical life.</p> <p>CO5 Evaluate the importance of fitting of distribution.</p> <p>CO6 Develop the ability and skill of effective analysis.</p>
MSTL105	Lab course based on C102 & C103	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTL106	LabcoursebasedonC104	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment.</p>
MSTC201	StatisticalInference-I	<p>CO1- Evaluate different quantitative and qualitative statistical methods used in inference.</p> <p>CO2- Develop critical thinking in order to construct the statistical test and use</p>

		<p>the appropriate statistical analysis in statistical inference.</p> <p>CO3- Evaluate different quantitative and qualitative statistical methods used in inference.</p> <p>CO4- Develop critical thinking in order to construct the statistical test and use the appropriate statistical analysis in statistical inference.</p> <p>CO5- Evaluate different quantitative and qualitative statistical methods used in inference.</p> <p>CO6- Develop critical thinking in order to construct the statistical test and use the appropriate statistical analysis in statistical inference.</p>
MSTC202	SurveySampling	<p>CO1- Identify basic concepts of survey sampling, basic principles in sampling, Simple random sampling, systematic sampling, stratified sampling</p> <p>CO2- Explain different sampling technique in real life problem related to sample survey.</p> <p>CO3- Apply Simple random sampling with and without replacement.</p> <p>CO4- Analysis ratio and regression estimation, methods of estimation with their utility in real life problem.</p> <p>CO5- Evaluate different sampling techniques used in research.</p> <p>CO6- Develop critical thinking in order to construct ration and regression.</p>
MSTC203	Design&AnalysisofExperiment	<p>CO1- Identify the concepts of analysis of variance and appropriately interpret the results of analysis of variance test.</p> <p>CO2- Explain design of experiments and analyse the data.</p> <p>CO3- Apply the concepts of advance design, analysis of co-variance for CRD and RBD. split plot design, complete and partial confounding.</p> <p>CO4- Analysis balanced Incomplete block design, balanced</p>

		<p>Incomplete Block Design with and without recovery of inter information.</p> <p>C05- Evaluate the importance of design of experiment.</p> <p>C06- Develop the ways to improve the different design of experiment.</p>
MSTC204	LinearModals&Regressi onAnalysis	<p>C01- Identify basic concepts of linear models. Theory and estimation of linear models. Gauss Markov Theorem and linear model.</p> <p>C02- Explain simple and multiple linear regression models. Violation of usual assumptions concerning normality, homoscedasticity and collinearity</p> <p>C03- Able to describe one way random effect linear models and estimation of Variance components</p> <p>C04- Analysis the concepts of maximum likelihood and best linear unbiased predicators. (BLUP) expectation and their application. Know the properties of expectation.</p> <p>C05- Evaluate the importance of linear modals.</p> <p>C06- Develop the ways to improve the analysis of regression.</p>
MSTL205	LabCoursebasedonC202	<p>C01- Remember the skill regarding analysis of data.</p> <p>C02- Apply the concepts of statistics through experiments.</p> <p>C03- Apply suitable technique for analysis data</p> <p>C04- Differentiate Quantitative and Qualitative data through practicals.</p> <p>C05- Evaluate the concepts of statistics through practical's</p> <p>C06- Develop basic tools and techniques for performing experiment.</p>
MSTC206	LabCousebasedonC204	<p>C01- Remember the skill regarding analysis of data.</p> <p>C02- Apply the concepts of statistics through experiments.</p> <p>C03- Apply suitable technique for analysis data</p>

		<p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTC301	Multivariate Analysis&Curve Fitting	<p>CO1- Identify sample mean vector, sample covariance matrix, partial and multiple correlations.</p> <p>CO2- Describe multivariate normal distribution and its properties, characteristic function, moments, marginal and conditional distribution, etc.</p> <p>CO3- Apply characteristic function, moments, marginal and conditional distribution, etc.</p> <p>CO4- Analysis Wishart distribution and its properties.</p> <p>CO5- Evaluate the different theoretical approaches of multivariate analysis.</p> <p>CO6- Develop the critical thinking and skills of curve fitting.</p>
MSTE302	Advanced Operation Research-I	<p>CO1- Identify the concepts of operation research</p> <p>CO2- Describe the concept of linear programming and their procedure for obtaining the best results.</p> <p>CO3- Apply the concept of basic feasible solution and their different to find initial feasible solution</p> <p>CO4- Analysis between transportation and assignment problems as LPP.</p> <p>CO5- Evaluate the different theoretical approaches of operation research.</p> <p>CO6- Develop the thinking and skills of analysis.</p>
MSTE303	Statistical Inference –I	<p>CO1- Identify fundamental concepts of Point estimation. Properties of estimators and mean square error, Minimum variance unbiased estimators, Rao</p> <p>CO2- Describe Large sample test, Use of central limit theorem to obtain large sample tests for binomial proportions and means of populations, etc., Related confidence intervals.</p>

		<p>CO3- Apply the different methods of estimations.</p> <p>CO4- Analysis practical utility of various test of significance based on t, F and chi square test.</p> <p>CO5- Evaluate the different theoretical approaches of statistical inference.</p> <p>CO6- Develop the critical thinking and skills of statistical tests.</p>
MSTE-304	Statistical Decision Theory	<p>CO1- Identify the basic concept of decision theory and problems.</p> <p>CO2- Explain the knowledge about minimax theorem.</p> <p>CO3- Apply the qualitative data and interpret the result of the test.</p> <p>CO4- Analysis statistics and its related theorem.</p> <p>CO5- Evaluate the importance of statistical decision theory.</p> <p>CO6- Develop the ability and skill of effective decision.</p>
MSTE305	Time Series Analysis	<p>CO1- Identify the concepts of time series, the different models, measurement of trend and seasonal variations.</p> <p>CO2- Describe the fitting a various mathematical curve and growth curve.</p> <p>CO3- Apply method of moving average and estimation of seasonal component by method of simple averages..</p> <p>CO4- Analysis the process of moving average and autoregressive process of order one and two.</p> <p>CO5- Evaluate the approaches and various techniques used in time series analysis.</p> <p>CO6- Develop the different components of times series.</p>

MSTE306	Non Parametric and Semi Parametric Methods	<p>CO1- Identify the basic concept and importance of non-parametric methods.</p> <p>CO2- Explain the concept of empirical distribution function and Kolmogorov goodness of fit test.</p> <p>CO3- Apply parametric and non-parametric test.</p> <p>CO4- Analysis testing of hypothesis using non-parametric test.</p> <p>CO5- Evaluate the various methods in non-parametric.</p> <p>CO6- Write a difference between parametric & non parametric methods.</p>
MSTE307	Research Methodology & Project Work	<p>CO1- Identify the basic concepts meaning of research and types of research.</p> <p>CO2- Explain research problems selection and necessity of research problems.</p> <p>CO3- Apply the concepts of survey methodology and how to collect data collection, processing data analysis and interpretations.</p> <p>CO4- Analysis to develop a questionnaire collects survey data and their analysis by using suitable statistical tools.</p> <p>CO5- Evaluate the research methods for analysis data.</p> <p>CO6- Develop the ability to use the research concepts.</p>
MSTE308	Statistical Process and Quality Control	<p>CO1- Identify the basic concepts of statistical process control tools.</p> <p>CO2- Explain the various tools which are using to control quality.</p> <p>CO3- Apply the statistical product control tools and sampling inspection plan.</p> <p>CO4- Analyse and check whether the process in control or out of control by applying various control charts.</p> <p>CO5- Evaluate the work attitudes and their impact on quality control.</p> <p>CO6- Develop the ability & skill to perform statistical quality control.</p>

MSTE309	Reliability Theory	<p>CO1- Identify the concepts of Reliability.</p> <p>CO2- Explain the various measures based on Reliability.</p> <p>CO3- Able notion of aging and its practical use.</p> <p>CO4- Analysis the concept related to univariate shock models.</p> <p>CO5- Evaluate the work attitudes and their impact on Reliability.</p> <p>CO6- Develop the ability & skill to perform Reliability.</p>
MSTL310	Lab course based on Elective	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practical's.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTL311	Lab Course based on Elective	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTL311	Lab Course based on E306	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p>

		<p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTL311	Lab Course based on E308	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6- Develop basic tools and techniques for performing experiment</p>
MSTC401	Economic Statistics & Demography	<p>CO1- Identify the basic concepts of vital statistics. Mortality rates, fertility rates and their measurements and have a basic idea about migration and population projection.</p> <p>CO2- Describe the various measures of mortality and fertility and their practical utility in different fields.</p> <p>CO3- Apply the concepts of life table, their constructions, uses of time table and their utility for the society.</p> <p>CO4- Analysis between gross reproduction and net reproduction rate.</p> <p>CO5- Evaluate the work attitudes and their impact on economic statistics.</p> <p>CO6- Develop the ability & skill to perform economic statistics.</p>
MSTE-402	Advanced Operation Research-II	<p>CO1- Identify the basic concepts of Operation research, Formulation of a linear programming problem, Obtain graphical solutions to a linear programming problem.</p> <p>CO2- Explain the concept of linear programming and their procedure for obtaining the best results..</p> <p>CO3- Apply the concept of basic feasible solution and their different to find initial feasible solution</p> <p>CO4- Analysis between transportation and assignment problems as LPP, solve transportation and assignment problems using different methods.</p>

		<p>CO5- Evaluate the different theoretical approaches of operation research.</p> <p>CO6- Develop the critical thinking and skills for solving probels based on Operation research.</p>
MSTE403	Official Statistics	<p>CO1- Identify the concepts of statistical system in India.</p> <p>CO2- Explain the function of various statistical office in India.</p> <p>CO3- Apply the concept of population census.</p> <p>CO4- Analysis the work of various offices like CSO, NSSO etc.</p> <p>CO5- Evaluate the different theoretical approaches of indian official statistics.</p> <p>CO6- Develop the critical thinking of official statistics.</p>
MSTE404	Econometrics	<p>CO1- Identify the concepts of various econometric models.</p> <p>CO2- Explain the different between various models.</p> <p>CO3- Apply the concept of multicollinearity.</p> <p>CO4- Analysis the concept related to estimation.</p> <p>CO5- Evaluate the different theoretical approaches of econometrics.</p> <p>CO6- Develop the critical thinking and skills for solving econometrics.</p>
MSTE405	ReliabilityTheory	<p>CO1- Identify the concepts of Reliability.</p> <p>CO2- Explain the various measures based on Reliability</p> <p>CO3- Able notion of aging and its practical use</p> <p>CO4- Analysis the concept related to univariate shock models</p> <p>CO5- Evaluate the work attitudes and their impact on Reliability.</p> <p>CO6- Develop the ability & skill to perform Reliability.</p>

MSTE406	Environment Statistics	<p>CO1- Identify the concepts of environment Statistics</p> <p>CO2- Explain the ecological diversity species and abundance curve</p> <p>CO3- Apply various harvesting renewable biological resources</p> <p>CO4- Analyse major issues of environment.</p> <p>CO5- Evaluate the importance of environment statistics.</p> <p>CO6-- Develop the ability and skill of control pollution.</p>
MSTE407	Stochastic Process	<p>CO1- Identify the concepts of Stochastic process and it use.</p> <p>CO2- Explain the branching process and its properties</p> <p>CO3- Apply various distribution related to Poisson process</p> <p>CO4- Analysis the concept related to Markov chain and branching process</p> <p>CO5- Evaluate the importance of stochastic process</p> <p>CO6- Develop the ability and skill of stochastic process.</p>
MSTE408	BayesianInference	<p>CO1- Identify the concepts of Bayesian Inference</p> <p>CO2- Explain the basic subjective probability and its use</p> <p>CO3- Apply various theory based on Bayesian Theory</p> <p>CO4- Analysis the concept related to ideas on Bayesian robustness</p> <p>CO5- Evaluate the importance of inference.</p> <p>CO6- Develop the ability and skill of effective Bayesian inference.</p>
MSTE409	ProjectWork	<p>CO1- Identify the concepts and use of project work.</p> <p>CO2- Explain the advantage of project work.</p> <p>CO3- Apply the utility and practical use of project work.</p> <p>CO4-- Analysis the practical utility of project work</p> <p>CO5- Evaluate the importance of project work.</p> <p>CO6-- Develop the ability and skill of effective project work.</p>

MSTL410	Lab Course based on Elective	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4-- Differentiate Quantitative and Qualitative data through practicals.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6-- Develop basic tools and techniques for performing experiment</p>
MSTL411	Lab Course based on E402	<p>CO1- Remember the skill regarding analysis of data.</p> <p>CO2- Apply the concepts of statistics through experiments.</p> <p>CO3- Apply suitable technique for analysis data</p> <p>CO4-- Differentiate Quantitative and Qualitative data through practical's.</p> <p>CO5- Evaluate the concepts of statistics through practical's</p> <p>CO6-- Develop basic tools and techniques for performing experiment</p>

M.A. DRAWING & PAINTING

Program Specific Outcome (PSOs)

PSO 1	Acquire academic skills with an aptitude for higher studies /research/entrepreneurship in any branch of the Painting programme and Exhibition.
PSO2	Develop professional skills in portraits, rendering, sculpting, sketching, clayart, commercial art, Texture art technologies and mural art. etc.
PSO3	Acquire basic skills for organizing events, research work, famous art monuments study-based projects etc. Take particular practical classes for the perfection.
PSO4	Utilize the creativity and ability and contribute to work development; independently and define the success for themselves. An understanding of basic principles of design and color, concepts, media and formats, and the ability to apply them to a specific aesthetic intent.

Course Code	Course Name	Outcome
MDAC 101	History Of Indian Painting	CO1 Identify the basic concepts of modern & contemporary Indian painting.

		<p>CO2 Explain modern and contemporary Indian painting.</p> <p>CO3 Apply appropriate technique of modern painting.</p> <p>CO4 Analyse different techniques of contemporary painting.</p> <p>CO5 Evaluate different between modern and Indian painting.</p> <p>CO6 Develop critical thinking in order to construct the contemporary painting.</p>
MDAC102	Philosophy of Art (Indian)	<p>CO1 -Recognize the concepts of Indian Painting.</p> <p>CO2- Explain the various theoretical approaches of Indian Painting.</p> <p>CO3- Apply the theoretical concepts to comprehend history of indian painting.</p> <p>CO4- Analyse the theories of folk and tribal Painting</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of Indian painting.</p> <p>CO6- Develop the clear understanding of Indian painting.</p>
MDAC201	History Of Indian Painting	<p>CO1-Recognize the concepts of Indian Painting.</p> <p>CO2- Explain the various theoretical approaches of Indian Painting.</p> <p>CO3- Apply the theoretical concepts to comprehend history of indian painting.</p> <p>CO4- Analyse the theories of Indian Painting.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of Indian painting.</p> <p>CO6- Develop the clear understanding of Indian painting.</p>
MDAC 202	History of European Paintings	<p>CO1- Recognize the concepts of European painting.</p> <p>CO2- Explain the various theoretical approaches of European painting.</p> <p>CO3- Apply the theoretical concepts to comprehend history of European painting.</p> <p>CO4- Analyse the theories of medieval period.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of 19th century paintings.</p> <p>CO6- Develop the clear understanding of European Painting.</p>

MDAC301	Brief philosophy of art (Western)	<p>CO1-Recognize the concepts of European Painting.</p> <p>CO2- Explain the various theoretical approaches of European painting.</p> <p>CO3- Apply the theoretical concepts to comprehend history of European painting.</p> <p>CO4- Analyse the theories of European Painting.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of European painting</p> <p>CO6- Develop the clear understanding of European painting.</p>
MDAC302	Aesthetics & Art Appreciation-1	<p>CO1-Recognize the concepts of Aesthetics.</p> <p>CO2- Explain the various approaches of aesthetics.</p> <p>CO3- Apply the theoretical concepts to comprehend aesthetics</p> <p>CO4- Analyse the theories of aesthetics</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of Aesthetics</p> <p>CO6- Develop the clear understanding of aesthetics.</p>
MDAC401	Mural Tradition Of India	<p>CO1-Recognize the concepts of Murals.</p> <p>CO2- Explain the various approaches of aesthetics.</p> <p>CO3- Apply the theoretical concepts to comprehend aesthetics</p> <p>CO4- Analyse the theories of aesthetics Of Murals Of India.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of Aesthetics of murals.</p> <p>CO6- Develop the clear understanding of aesthetics of Indian Murals.</p>
MDAC402	History Of Modern Painting of Europe	<p>CO1-Recognize the concepts of Indian Painting.</p> <p>CO2- Explain the various theoretical approaches of Modern Indian Painting.</p> <p>CO3- Apply the theoretical concepts to comprehend history of modern indian painting.</p> <p>CO4- Analyse the theories of modern Indian Painting.</p> <p>CO5- Evaluate the different theoretical perspectives and approaches of modern</p>

		<p>Indian painting.</p> <p>CO6- Develop the clear understanding of modern Indian painting.</p>
All Course Lab Based Papers per Semester	Lab Based	Lab Based
MDAL103	Art & Illustration	<p>CO1- Memorize the concepts of Art & Illustration through practicals.</p> <p>CO2- Explain the Illustration concept related with the practical.</p> <p>CO3- Apply the theoretical concepts to Art & illustration painting.</p> <p>CO4- Analyse and interpret the results of the work selection and activity interest.</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6- Develop the observational skill regarding based on creative ideas.</p>
MDAL 104	Potrait	<p>CO1- Memorize the concepts of Potrait through practicals.</p> <p>CO2- Explain the potrait concept related with the practical.</p> <p>CO3- Apply the theoretical concepts to Art & illustration painting.</p> <p>CO4- Analyse and interpret the results of the work selection and activity interest.</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6- Develop the observational skill regarding based on creative ideas.</p>
MDAL105	Composition	<p>CO1- Identify the composition of drawing and move beyond the fundamental concepts.</p> <p>CO2- Explain the composition concept related with the practical.</p> <p>CO3- Apply the understanding critical theories and their used in composition</p> <p>CO4- Analyze the different sketches(indoor and outdoor), exploration of possibilities and limitations of various media in the composition</p> <p>CO5- Evaluate the important of realistic and abstract subject matter in composition</p>

		CO6- Develop observational skill regarding time, space, form, perspective and colour in composition.
MDAL 106	Creative Landscape	<p>CO1- Memorize the concepts of Landscape through practicals</p> <p>CO2- Explain the landscape concept related with the practical.</p> <p>CO3- Apply the knowledge of Creative concepts through experiments of landscape</p> <p>CO4- Analyse and interpret the results of the plant selection and activity location</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures</p> <p>CO6- Develop the observational skill regarding environment and user.</p>
MDAP107	Seminar	<p>CO1- Identify relevant information, define and explain topics under discussion</p> <p>CO2- Understand the features of presentation.</p> <p>CO3- Analyse and appreciate diverse perspectives and contributions</p> <p>CO4- Analyze the different possibilities and limitations of various media in presentation.</p> <p>CO5- Evaluate the important of realistic and abstract subject matter .</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MDAL 203	Poster Designing	<p>CO1-Memorize the concepts of Poster Designing.</p> <p>CO2-Explain the concept and title of Poster Designing.</p> <p>CO3-Apply knowledge in the different way to convey the message of Poster.</p> <p>CO4-Analyse the topic and encourage the audience by your poster.</p> <p>CO5-Evaluate the importance of the main message.</p> <p>CO6 -Develop the way of different type of ways of presentation</p>

MDAL204	Thematic Composition	<p>CO1- Identify the composition of drawing and move beyond the fundamental concepts.</p> <p>CO2 Explain the endless possibilities of different media in field of composition.</p> <p>CO3- Apply the understanding critical theories and their used in composition.</p> <p>CO4 -Analyze the different sketches(indoor and outdoor), exploration of possibilities and limitations of various media in the composition.</p> <p>CO5 - Evaluate the important of realistic and abstract subject matter in composition.</p> <p>CO6 Develop observational skill regarding time, space, form, perspective and colour in composition.</p>
MDAL 205	Landscape	<p>CO1-Memorize the concepts of Landscape through practicals.</p> <p>CO2-Explain the landscape concept related with the practical.</p> <p>CO3-Apply the knowledge of Creative concepts through experiments of landscape</p> <p>CO4-Analyse and interpret the results of the plant selection and activity location.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding environment and user.</p>
MDAL206	Creative Design Painting Exhibition	<p>CO1-Memorize the concepts of Painting Exhibition.</p> <p>CO2-Explain the Characteristics of Paintings</p> <p>CO3-Apply the knowledge of Creative concepts through experiments of art work.</p> <p>CO4-Analyse and interpret the results of the work selection and activity interest.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding based on creative ideas.</p>

MDAP207	Research Paper	<p>CO1-Identify relevant information, define and explain topics under discussion.</p> <p>CO2-Understand the features of presentation.</p> <p>CO3-Analyse and appreciate diverse perspectives and contributions</p> <p>CO4-Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5-Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6-Use of visual, audio and audio-visual materials to support the Presentation.</p>
MDAC303	Copy From Indian Miniature	<p>CO1-Memorize the concepts of Copy From Indian Miniature.</p> <p>CO2-Explain the miniature concept related with the practical.</p> <p>CO3-Apply the knowledge of Creative concepts through miniature.</p> <p>CO4-Analyse and interpret the results of the miniature selection and style.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding topics and legends .</p>
MDAL304	Thematic Composition	<p>CO1 Identify the composition of drawing and move beyond the fundamental concepts.</p> <p>CO2 Explain the endless possibilities of different media in field of composition.</p> <p>CO3 Apply the understanding critical theories and their used in composition.</p> <p>CO4 Analyze the different sketches(indoor and outdoor), exploration of possibilities and limitations of various media in the composition.</p> <p>CO5 Evaluate the important of realistic and abstract subject matter in composition.</p> <p>CO6 Develop observational skill regarding time, space, form, perspective</p>

		and colour in composition.
MDAL305	Art Appreciation	<p>CO1-Memorize the concepts of Art Appreciation.</p> <p>CO2-Explain the way of presentation through concept related with the practical.</p> <p>CO3-Apply the knowledge of Creative concepts through art</p> <p>CO4-Analyse and interpret the results of the art selection and style.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding topics and legends .</p>
MDAL306	Life Study	<p>CO1-Memorize the concepts of Life Study.</p> <p>CO2-Explain the way of presentation through concept related with the practical.</p> <p>CO3-Apply the knowledge of Creative concepts through art.</p> <p>CO4-Analyse and interpret the results of the figure drawing is a drawing of the human form in any of its various shapes and postures.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding a figure drawing is a drawing of the human form in any of its various shapes and postures .</p>

MDAP307	Seminar	<p>CO1-Identify relevant information, define and explain topics under discussion.</p> <p>CO2-Understand the features of paper presentation.</p> <p>CO3-Analyse and appreciate diverse perspectives and contributions</p> <p>CO4-Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5-Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6-Use of visual, audio and audio-visual materials to support the presentation.</p>
MDAL403	Copy From Great Masters Painting	<p>CO1-Memorize the concepts of Copy From Great Masters Painting.</p> <p>CO2-Explain the concept related with the practical</p> <p>CO3-Apply the knowledge of Creative concepts through miniature.</p> <p>CO4-Analyse and interpret the results of the miniature selection and style.</p> <p>CO5-Evaluate the importance of detail in the materials, the colour and the surface textures.</p> <p>CO6-Develop the observational skill regarding topics and legends.</p>
MDAL404	Creative Composition	<p>CO1- Identify the creative composition of drawing and move beyond the fundamental concepts.</p> <p>CO2- Explain the Creative composition concept related with the practical.</p> <p>CO3- Apply the understanding critical theories and their used in composition</p> <p>CO4- Analyze the different sketches(indoor and outdoor), exploration of possibilities and limitations of various media in the composition</p> <p>CO5- Evaluate the important of realistic and abstract subject matter in creative composition</p> <p>CO6- Develop observational skill regarding time, space, form, perspective</p>

		and colour in creative composition.
MDAL405	Creative Landscape	<p>CO1- Memorize the concepts of Landscape through practicals</p> <p>CO2- Explain the landscape concept related with the practical.</p> <p>CO3- Apply the knowledge of Creative concepts through experiments of landscape</p> <p>CO4- Analyse and interpret the results of the plant selection and activity location</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures</p> <p>CO6- Develop the observational skill regarding environment and user.</p>
MDAL406	Free Hand Drawing	<p>CO1- Memorize the concepts of freehand drawing through practicals</p> <p>CO2- Explain the freehand drawing concept related with the practical.</p> <p>CO3- Apply the knowledge of freehand concepts through experiments of landscape</p> <p>CO4- Analyse and interpret the results of the plant selection and activity location</p> <p>CO5- Evaluate the importance of detail in the materials, the colour and the surface textures</p> <p>CO6- Develop the observational skill regarding environment and user.</p>
MDAL407	Presentation	<p>CO1- Identify relevant information, define and explain topics under discussion.</p> <p>CO2- Understand the features of paper presentation</p> <p>CO3- Analyse and appreciate diverse perspectives and contributions</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the Presentation.</p>

MA HISTORY

Program Specific Outcomes (PSOs)

PSO1	Track the critical genealogies of historiography interventions that formed the discipline of History from the earliest times up to the present.
PSO2	Compare and completely differentiate vital patterns of human expertise across time and between different cultures and societies.
PSO3	Fastidiously scan advanced historical narrative, appraise its deployment of evidence, and perceive its argument yet as critically analyse an equivalent.
PSO4	Determine patterns of amendment and continuity with regards to problems with modern significance over long duration as well as across various Geo-cultural zones

Course Outcomes

Course Code	Course Name	Course Outcomes
MHSC101	Principles of History	<p>CO1- Discover historical values and ethics.</p> <p>CO2- Develop the ability to distinguish between fact and fiction while understanding that there is not one historical truth.</p> <p>CO3- Produce well researched written work that engages with both primary sources and the secondary literature.</p> <p>CO4- Applying an informed familiarity with multiple cultures.</p> <p>CO5- Employ a full range of techniques and methods used to gain historical knowledge</p> <p>CO6- Demonstrate thinking skills by analyzing, synthesizing, and evaluating historical information from multiple sources.</p>
MHSC102	World History 1775-1848 AD	<p>CO1- Explain and analyze the key historical events or processes in world history (C.1775-1848).</p> <p>CO2- Develop an understanding of broad patterns of change within and among various societies and nations across the world.</p> <p>CO3- Understand the causes and effects of the American Revolution (1776) on France's social, political, and economic conditions, as well as the impact of intellectuals on</p>

		<p>France.</p> <p>CO4- Relating to Napoleon's Reign and Continental System, the Peninsular War, and Napoleon's Destruction Vienna Settlement</p> <p>CO5- Summarize France from 1815 to 1848 and its assessments.</p> <p>CO6- Integrate the events of July and February Revolutions.</p>
MHSC103	History of Afro-Asian nationalism.	<p>CO1- Understand nationalism and the various types of nationalism theories, colonization, and anti-colonial struggles – the rise of nationalism.</p> <p>CO2- Explain China – 1911 revolution – Sun Yat Sen – KMT – Chinese Communist party People's Republic of China</p> <p>CO3- Introduce the learner to the character of Afro-Asian relations;</p> <p>CO4- Identify the goals of colonization and anti-colonialist movements in the Middle East, Africa, and the Arab world, as well as the links between nationalism and nationalist struggle.</p> <p>CO5- Analyse development efforts and cooperation among countries.</p> <p>CO6- Examine the impact of nationalism and colonization on Africa.</p>
MHSC104	Indian National Movement (1857-1919AD)	<p>CO1- Explore The Revolt of 1857 and the Emergence of Indian Nationalism.</p> <p>CO2- Compare the different autobiographies of Indian nationalism with their underlying political thoughts and visions.</p> <p>CO3- Analyse how the British rule created conditions for the emergence of middle-class and nationalist feelings in India.</p> <p>CO4- Discuss the debates on various forms of burgeoning anti-colonial resistances from the margins.</p> <p>CO5- Assess how the social reform</p>

		<p>movements provided the inner domain / sovereign essence of Indian nationalism to mark its distinction.</p> <p>CO6- Describe how social and cultural identities emerged through social reform initiatives intersected with the making of Indian nationalism and its character.</p>
MHSC105	Women in Indian History	<p>CO1- Analyze the status of women in different periods of history.</p> <p>CO2- Explore women contributions in Indian literature, fine art and literary movements.</p> <p>CO3- Understand how modernity created spaces for women's mobility and empowerment, as much as engendering them in novel ways.</p> <p>CO4- Contrast the changes brought by post-colonialism and globalization into conditions of women.</p> <p>CO5- Demonstrate their historical training/knowledge in the interdisciplinary domains of knowledge to unravel everyday forms of gender and patriarchy</p> <p>CO6- Use new digital media and other ICT tools in order to enhance learning and research capabilities in the area of women's history.</p>
MHSC106	History of Uttarakhand (600 BC to 1949 AD)	<p>CO1- Examine Early History of Uttarakhand and source material for the study of the History of Uttarakhand.</p> <p>CO2- Understand state formation in Uttarakhand. Panwar Dynasty in Garhwal and Chands Dynasty in Kumaun and their administrative set up. The political relations of Uttarakhand with Delhi monarchs in medieval times, as well as Sikh, Nepal, and Sirmore.</p> <p>CO3- Understand Colonisation of Uttarakhand - Gorkha invasion and its impact. And British management in Uttarakhand</p>

		<p>CO4- Learn about Uttarakhand's Political Awakening and National Movement.</p> <p>CO5- Understand the political, social and cultural records of the Tehri Garhwal State.</p>
MHSP107	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under Discussion</p> <p>CO4- Obtain, selects, create and support materials appropriately and ca Demonstrate independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MHSC201	Sources of Indian History)	<p>CO1- Investigate ancient Indian language and culture through the lens of ancient Indian literature.</p> <p>CO2- Learn about the Bhakti literature.</p> <p>CO3- Investigate mediaeval sources.</p> <p>CO4- Expand spiritualism knowledge.</p> <p>CO5- Use modern sources and other local languages to learn about other historians and their philosophies and literature.</p> <p>CO6- Adapting the values of ancient Indian culture and literature</p>
MHSC202	World History 1848 -1914 AD	<p>CO1- Examine the history of the world (C.1848-1948AD) with a focus on Europe(France, Germany, Italy) and America.</p> <p>CO2- Appreciate the historical</p>

		<p>importance of the pre-modern European past.</p> <p>CO3- Historical importance of modern Europe in the world</p> <p>CO4- To examine the historical significance of the "non-Western" Pre-modern cultures.</p> <p>CO5- Explain and analyze an important historical event or process in the region and during the study period</p> <p>CO6- Comprehend the France, Germany, and Italy measurement events, as well as the specific incident and effects of World War I</p>
MHSC203	Constitutional Development 1858-1950AD	<p>CO1- Study about constitutional development in India.</p> <p>CO2- Provide an insight into the development of the constitution of India which has its genesis in the British period of Indian history.</p> <p>CO3- Explain evolution and progress of democratic ideas and institutions in India</p> <p>CO4- Analyze of the constitutional development in India right since the Colonial era.</p> <p>CO5- The responsibility of maintaining the sanctity of Indian democracy among the students will surely be the biggest outcome of the course Constitutional Development in Modern India</p> <p>CO6- Establishing the framework for and enlisting contributors to constitutional</p>
MHSC204	Indian National Movement - 1919-1947AD	<p>CO1- Discuss the historical circumstances that led to the making of Gandhi as a political leader by focusing on his political philosophies and early political activities in India.</p> <p>CO2- Examine how Congress was re-organized under the Gandhian leadership, alongside bringing different Indian groups into the fold of the nationalist struggle.</p> <p>CO3- Distinguish the parallel mobilizations of groups against</p>

		<p>colonialism from that of the Main-stream nationalist mobilization with their strategies, politics and problems.</p> <p>CO4- Show how Gandhian mass movement was low in momentum during 1937- 1945, leading to violent and spontaneous rebellions by the people.</p> <p>CO5- Describe the complex political and historical circumstances that led to independence eventually and partition of India.</p> <p>CO6- Creating an outline for and contributing to the Indian National Movement</p>
MHSC205	Ecology and Environment in History	<p>CO1- Extremely helpful in making a needed awareness regarding the environmental issues and protection of our environment</p> <p>CO2- Identify that how the environment influences the human affairs and how it gets shaped by them.</p> <p>CO3- More sensitive and responsible regarding the future of our planet.</p> <p>CO4- Assess ancient India's environmental consciousness and conservation efforts using spiritual literature, historical evidences, and events.</p> <p>CO5- Explore historical information from ancient India to present times in order to apply it to environmental awareness.</p> <p>CO6- Prepare a report about environmental movements in independent India.</p>
MHSC206	Culture of Uttarakhand (Early Times to 1949 AD)	<p>CO1- Study regarding Sources of Cultural History of Uttarakhand</p> <p>CO2- Faith in Uttarakhand: folks, Pauranic and beliefs of people over there.</p> <p>CO3- Learn about Society and Economy history of</p>

		<p>Uttarakhand - Social Stratification; Trans-Himalayan Trade.</p> <p>CO4- Study about pilgrim's tradition in Uttarakhand.</p> <p>CO5- Addressing the issue at the local level, specifically with regard to Uttarkhand</p> <p>CO6- Make a thorough outline of the culture and beliefs of Uttarakhand.</p>
MHSP207	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and audio-visual materials to support the presentation.</p>
MHSC301	Historical writings: Schools & Historians	<p>CO1- Gather knowledge about the theories of various historical thinkers.</p> <p>CO2- Focus on enlightening them the ancient, medieval and modern historiography.</p> <p>CO3- Identify historiography or history of historical writing currently emerged as a subject of captivating study.</p> <p>CO4- Guide them to re-script history from different viewpoints.</p> <p>CO5- Understand the excellent works of many scholars, philosophers, theorists and critics</p> <p>CO6- Write well researched article</p>

		on any historical events and leaders
MHSC302	Tourism in History	<p>CO1- Identify the importance and purpose of tourism in India.</p> <p>CO2- Investigate tourism as an industry and trade</p> <p>CO3- Suggest tourist attractions such as cultural and historical monuments (temple, caves, Monuments, Museums)</p> <p>CO4- Examine about local or regional tourist attractions (Char Dham Yatra) and evaluate spiritual beliefs</p> <p>CO5- Describe environmental impacts of eco-tourism.</p> <p>CO6- Discover the historical values of the local tourist destinations. Discover the historical values of the local tourist destinations.</p>
MHSC303	Twentieth Century World -1914-1945AD	<p>CO1- Understand the important topics of world history.</p> <p>CO2- Examine the emergence of the socialist state. The Russian Revolution's causes and consequences and foundation of a socialist state and its consequences</p> <p>CO3- Analyses imperialism, nationalism and world wars.</p> <p>CO4- Identify important revolutions and their outcomes on the polity, society, economy and culture.</p> <p>CO5- Examine important historical ideas of the world (world war 2nd).</p> <p>CO6- Make up a hypothesis about how society has changed and what values the world of the 20th century should have (C. 1914-1945AD)</p>
MHSE304	History of Modern India (from 1757- 1857AD)	<p>CO1- Learn about the values and culture of modern India (c. 1757–1857 AD).</p> <p>CO2- Learning about "Mughal India" adds fresh dimensions to the conception of the dynasty that was crucial in influencing and colouring the history of medieval India.</p> <p>CO3- helpful in moulding and</p>

		<p>expanding students' awareness of the Mughal emperors' thought processes, policies, and strategies, which had an impact on India's social structure through political instruments, beliefs, and deliberations influencing nearly every facet of modern Indian society.</p> <p>CO4- Trace the British colonial expansion in the political contexts of eighteenth century India.</p> <p>CO5- They will study how society, politics, religion, and the economy have changed during Modern India (C.1757-1857AD)</p> <p>CO6- Examine Mughal Empire Historiography and Modern Source.</p>
MHSE305	History of Modern India (from 1858-1947AD)	<p>CO1- Understand the development of Modern India during the colonial rule.</p> <p>CO2- Examine the British Empire's Expansion and Consolidation</p> <p>CO3- Examine the administrative, military, and civil law aspects of India's colonial construction: structures and institutions.</p> <p>CO4- Trained to analyze how local, national, and international policies and practices developed in the colonial age continue to impact their contemporary lives.</p> <p>CO5- Understand the British Monarchy and Indian States - Ring-Fence Policy-1757- 1813, the Subordinate - Isolation Policy-1813-1858, and the 1857 Revolt: Causes and Nature; Leadership at Various Levels; People's Participation</p> <p>CO6- Write a thorough outline for the History of Modern India era (C.1858 – 1947AD)</p>
MHSE306	History of Modern India (from 1948-2000AD)	<p>CO1- Comprehensive understanding of independent India's new visions and the post-partition refugee problem</p>

		<p>CO2- Examine the Beginnings of a Planned Economy and Progress in Independent India Consider the land issue and industrial policy. Education, health, science, and technology, as well as various plans.</p> <p>CO3- Discuss India's Foreign Policy in the Modern Era (from 1948- 2000AD)</p> <p>CO4- Learn about the Indian Parliament's democracy and the country's relations with its neighbors.</p> <p>CO5- Evaluate the performance of Congress and non-Congress Governments</p> <p>CO6- Compile the information about India's relations with its neighbours.</p>
MHSE304(A)	History of Ancient India (From earliest Times to 185 BC)	<p>CO1- Explain the process of reconstructing ancient Indian history using historical sources and historiographical interpretations.</p> <p>CO2- Recognize Post-Mauryan Dynasties and Politics.</p> <p>CO3- Discuss the Guptas' dynastic history: political consolidation, structure, and administrative organization.</p> <p>CO4- Analyze the Huna and Vakataka invasions and their history.</p> <p>CO5- Examine Vardhana's political consolidation and administrative history, as well as the extent of Chalukya and Pallava kingdoms and their administrative histories.</p> <p>CO6- Creating a plan, a road map, and extensive knowledge of ancient Indian history (from the earliest times to 185 BC) in order to implement the programme</p>
MHSE305(A)	History of Ancient India (From C. 186 BC to 650AD)	<p>CO1- Identify the historical importance of the accelerated practice of land grants issued by ruling houses.</p> <p>CO2- Explain the process of reconstructing ancient Indian history</p>

		<p>using historical sources and historiography</p> <p>CO3- Compile a chronology of the societal values and developments during the History of Ancient India (C.BC 185 to 650A.D.)</p> <p>CO4- Comprehend the polity and administration history of the dynasties of northern, eastern, western, and central India</p> <p>CO5- Investigate the Rise of Feudalism in Northern India and the Struggle for Supremacy.</p> <p>CO6- Delineate changes in the realm of polity and culture; puranic religion; the growth of vernacular languages and newer forms of art and architecture</p>
MHSE306(A)	History of Ancient Northern India C. AD 650-1200AD.	<p>CO1- Develop the understanding of the process of transition from ancient period to the early medieval period</p> <p>CO2- It will foster an understanding of the expanding cultural, political, and economic ties between North and South Indians..</p> <p>CO3- Acquaint with the nature of social and economic activities of the time.</p> <p>CO4- Learn about the changing situation of the agrarian economy, trade, commerce, and town urbanization</p> <p>CO5- Identify the rise of order and feudalism in northern India and the fight for supremacy.</p> <p>CO6- Make a thorough account of the history of ancient northern India (C. AD 650-1200AD)</p>
MHSE304(M)	History of Delhi Sultanate (from C. 1192 to 1320 AD)	<p>CO1- Understand the nature of the sources of the Delhi Sultanate—literary (Persian and Vernacular) and epigraphic.</p> <p>CO2- Know the political structure of the Delhi Sultanate and as well as provincial powers—their expansion, consolidation,</p>

		<p>theories of kingship and composition of ruling elites.</p> <p>CO3- They will also gain experience in methods of dealing with primary source</p> <p>CO4- Examine the religious beliefs and cultural trend of the period with references to Sufi and Bhakti movement and literary and architectural activities.</p> <p>CO5- Acquaint with the nature of social and economic activities of the time.</p> <p>CO6- Assemble the chronology and sketch out the Delhi Sultanate.</p>
MHSE305(M)	History of Delhi Sultanate (C. 1320 to 1526 AD.)	<p>CO1- Examine Delhi Sultanate Historiography and Modern Sources</p> <p>CO2- Talk about the history of Tughlaq's administrative reforms and policies.</p> <p>CO3- Explain the history of The Sayyidd and The Lodhi, as well as the Afgan Theory of Kingship and the events leading up to the First Battle of Panipat.</p> <p>CO4- Examine the causes of the Delhi Sultanate's demise.</p> <p>CO5- Express reasons why the Delhi Sultanate fell.</p> <p>CO6- Create an overview for the Delhi Sultanate era (C. 1320 to 1526 AD.)</p>
MHSE306(M)	History of Mughal India (C. 1526 to 1605AD.)	<p>CO1- Examine Mughal empire Historiography and Modern Sources.</p> <p>CO2- Understanding the Mughal Empire's Consolidation</p> <p>CO3- Talk about the history of s administrative Mughal empire reforms and policies.</p> <p>CO4- Outline the cultural changes and continuities, focusing in particular on art, architecture, the bhakti movement, and the sufi movement.</p> <p>CO5- What significance Noorjahan received during the Jahangir Reign and what role she played in</p>

		contemporary politics CO6- Delineate the development of trade and urban complexes during this period.
MHSP 307	Seminar	CO1- Understand the features of presentation. CO2- Analyse and appreciate diverse perspectives and contributions CO3- Identify relevant information, defining and explaining topics under discussion. CO4- Obtain selects, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness. CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes. CO6- Use of visual, audio and audio-visual materials to support the presentation.
MHSS301	Science and Technology in Medieval India	CO1- Explain idea of rationality and scientific ideas in India with Arab thought. CO2- Study new developments in technology at that point period. CO3- Contribution in medical, textiles and additionally natural philosophy and arithmetic in medieval India CO4- Explore the impact of British and Arabic science on India CO5- Assess the development of Astronomy and Mathematics in Medieval India. CO6- Express the state of Science and Technology on the eve of British conquest.
MHSS302	Indian Society-Continuity and Change	CO1- Absorb and make sense of information across a wide spatial/temporal bracket and they will be able to think analytically about socio-cultural and political parallels in these global connectivity.

		<p>CO2- Understand that history itself is debated and constantly revised across cultural divides.</p> <p>CO3- Use conceptual tools like “modernity”, “progress and development”, “Social equality”, “modern education and Women’s empowerment”, print culture and modern re-definitions of private, personal and public spheres.</p> <p>CO4- Make connections with important modern structures of education, literacy, and knowledge systems as they developed in the west and were subsequently imported to non-Western societies via colonialism.</p> <p>CO5- Understand that history is interconnected with the rise of a dominant region. There is a projection of a single dominant historical narrative – the rise of modern West as the Western intellectuals wove it through the centuries.</p> <p>CO6- Formulate a pattern for social mobility among SC’s & ST’s as well as Indian Muslims.</p>
MHSS303	Research Methodology	<p>CO1- Define Research and explain methods of acquiring knowledge, need, and steps of research.</p> <p>CO2- Learn about research problem, hypothesis, sampling and types of research.</p> <p>CO3- Gain knowledge regarding data gathering instruments and techniques, Sources of Data, data collection.</p> <p>CO4- Analyze probability and non probability samples.</p> <p>CO5- Justify the sources of data related to research.</p> <p>CO6- Propose data gathering instruments and techniques for various types of research.</p>
MHSC401	Twentieth Century World C.1945-2000AD	<p>CO1- Learn about the post-war developments of Social, Political and Economic scenarios of the World</p>

		<p>and decolonization and the emergence of the Third world.</p> <p>CO2- Understand the role of the U.N.O in promoting world peace, as well as the significance of nationalist movements and decolonization in Asia, the Middle East, and Africa, as well as the impact of China's Communist Revolution.</p> <p>CO3- Explain origin of the Cold War and Changing World political Scenarios and emerging trends in culture, Media and Revolution among European countries.</p> <p>CO4- Investigate international organizations and concerns such as the Non-Aligned Movement, SAARC, and OPEC, as well as emerging new world economic and international concerns such as terrorism and the environment.</p> <p>CO5- Evaluate India's foreign policy</p> <p>CO6- Structure the features of Indo-China & Indo-Pak relations.</p>
MHSC402	History of U.S.A. (1776-1945 AD)	<p>CO1- To demonstrate knowledge of the causes, events and outcomes of the American Revolution</p> <p>CO2- To understand the formation and evolution of US political system</p> <p>CO3- To explain the key events and policies related to westward expansion as well as Industrial Revolution</p> <p>CO4- To analyze the underlying causes of the civil War as well as the outcomes of war</p> <p>CO5- To explore key domestic issues like the Gilded Age, Progressive Era and social reforms</p> <p>CO6- Analyze the causes and effects of Great Depression as well as the factors leading to US involvement in World War II</p>
MHSC403	Project Work/ Dissertation	<p>CO1- Develop their writing skills</p> <p>CO2- Integrate writing and thought</p>

		<p>and to apply the conventions of academic writing correctly.</p> <p>CO3- Cultivate an urge for research.</p> <p>CO4- Analyze the findings of the research.</p> <p>CO5- Find errors in the research work.</p> <p>CO6- Compile all the findings in the research.</p>
MHSE404	History of Ideas in Modern India	<p>CO1- Understand that history itself is debated and constantly revised across cultural divides.</p> <p>CO2- To confidently use conceptual tools like “modernity”, “progress and development”, “Social equality”, “modern education and Women’s empowerment”, print culture and modern re-definitions of private, personal and public spheres</p> <p>CO3- To make connections to important modern structures of education, literacy, and knowledge systems as they developed in the west and were subsequently imported to non-Western societies via colonialism.</p> <p>CO4- Examine the significance of Gandhian social philosophy, Sarvodaya, and Bhoodan, those massive histories that have a large impact on Indian society.</p> <p>CO5- Assess the role of Gandhian philosophy in social development.</p> <p>CO6- Develop the understanding of left centric ideas like Marxism.</p>
MHSE405	Society and Culture in Modern India A.D. 1757-1964AD)	<p>CO1- Absorb and make sense of information across a wide spatial/temporal bracket and they will be able to think analytically about socio cultural and political parallels in these global connectivity.</p> <p>CO2- Understand that history itself is debated and constantly revised across cultural divides.</p> <p>CO3- Examine how the British</p>

		<p>influence Indian society and culture, and how Indians respond in all areas to create a good society, as well as the current effects.</p> <p>CO4- Make connections to important modern structures of education, literacy, and knowledge systems as they developed in the west and were subsequently imported to non-Western societies via colonialism.</p> <p>CO5- They will understand that there is no one history, but interconnected histories yet with the rise of a dominant region, there is a projection of a single dominant historical narrative – the rise of modern West as the Western intellectuals wove it through the centuries.</p> <p>CO6- Compile the growth of national academies for Dance and music.</p>
MHSE406	Economy of Modern India (A.D. 1757 -1964AD)	<p>CO1- Define Economy in Modern India (C.1757-1964AD)</p> <p>CO2- Examine the purported crisis in the study of Indian economic history and ways to relevance of the subject.</p> <p>CO3- Assess critically structural (in)capabilities of Indian economy before colonialism to situate the divergence ensued since then.</p> <p>CO4- Interpret the nuances of how the institutional changes brought by colonialism Transformed agriculture, industry, capital formation and business in India</p> <p>CO5- Distinguish different theories of development and historiographical debates on economic</p> <p>CO6- Analyze how colonialism and its politics engendered demographic change, new migration</p>
MHSE404(A)	History of Ancient Southern India (C. AD 650-1200AD)	<p>CO1- Debate on historical sources and historiographical interpretations of Southern India</p>

		<p>(C. AD 650-1200AD)</p> <p>CO2- Aware of the Deccan dynasties (Rastrakutas, Chalukayas of Badami and Kalyani and Yadavas)</p> <p>CO3- Examine the southern Indiana dynasties of Cholass, Pallavas, and Anpandasas policy and administration structure</p> <p>CO4- Analyze the political structure in Deccan and South India</p> <p>CO5- Assess the development of Feudalism in South India.</p> <p>CO6- Compile the central, provincial and local administration in Deccan and South Indian dynasties.</p>
MHSE405(A)	Society and Culture of Ancient India (from earliest time to 1200 A.D.)	<p>CO1- Gather knowledge about richness of the Indian culture during the ancient period.</p> <p>CO2- Understand the basic concepts associated with the different aspects of socio-cultural life of the above mentioned period.</p> <p>CO3- Examine the Hindu religious movements, customs, traditions, languages, literature, art , architecture. get to know how culture of Hindu society influenced that of the other contemporary civilizations.</p> <p>CO4- Know how the specific culture leads to universal culture and tribe nationalism to a unified world society.</p> <p>CO5- Evaluate the growth of Vaishnavism, Shaivism and other minor sects.</p> <p>CO6- Compile the religious ideas in Upanishads and the smritis.</p>
MHSE406(A)	Economy of Ancient India (from earliest time to 1200 A.D.)	<p>CO1- Know about important historical ideas of Prehistoric and Ancient age.</p> <p>CO2- Know how the economic structure of the society.</p> <p>CO3- Analyze urban and agrarian economy up to 1200 A.D.</p>

		<p>CO4- Understand the nature of society and culture in contemporary times.</p> <p>CO5- Evaluate the benefits of internal and external trade routes.</p> <p>CO6- Formulate a pattern for the development of banking and credit system in ancient times.</p>
MHSE404(M)	History of Mughal India (C.A.D. 1605 to 1757AD.)	<p>CO1- Knowledge and understanding Students will know about the Structure of Mughal Government</p> <p>CO2- Explain the basic concepts associated with land revenue</p> <p>CO3- Know about System and Mansabdari System.</p> <p>CO4- Describe the Trade and Commerce and Monetary System of Mughals</p> <p>CO5- Learn the Organization and Production Technology under Mughal period. & Analyze the causes of Emergence of Regional States.</p> <p>CO6- Arrange the European advent in India.</p>
MHSE405(M)	Society and Culture in Medieval India (From A.D.1200to1757A D.)	<p>CO1- Understand the diversity of the Indian culture i.e., society, race, ethnicity, cultural traditions, gender and class etc.</p> <p>CO2- Develop a critical insight to examine the development of Indian society and culture with the passage of time.</p> <p>CO3- Train the students to be sensitive to such developments and inculcate the sense of objectivity and morality among the budding scholars of Indian history.</p> <p>CO4- Analyze the growth of Bhakti and sufi movements in medieval period</p> <p>CO5- Consider the development of architecture in medieval period.</p> <p>CO6- Write about the development of education and literature during the medieval period.</p>
MHSE406(M)	Economy of Medieval India	<p>CO1- Estimate the nature of medieval Indian history, and</p>

	(A.D.1200 to1757AD)	<p>identify the relation between history and society.</p> <p>CO2- Demonstrate historical concepts such as Antyajjas, Urban Revolution, Jagirdari, Zamindari, Dadni System, Jajmani System etc. to understand various dimensions of human past.</p> <p>CO3- Understand theory, explanation, verification, the making of medieval India, the role of narrative and challenges and recent trends in medieval Indian history</p> <p>CO4- Illustrate making of society and its relationship with the evolution of culture and its different forms. Relationship between past and present and bearing of medieval on the present.</p> <p>CO5- Analyse the social structure and inter relationship in the medieval period and question the method of history writing done over a period of time.</p> <p>CO6- Create outline for the growth of textiles and metalworking as well as karkhanas in Mughal period.</p>
MHSP407	Seminar	<p>CO1- Understand the features of presentation.</p> <p>CO2- Analyse and appreciate diverse perspectives and contributions</p> <p>CO3- Identify relevant information, defining and explaining topics under discussion.</p> <p>CO4- Obtain, select, create and support materials appropriately and can demonstrate insight, independent thought, relevance and persuasiveness.</p> <p>CO5- Analyze the use of vocabulary; demonstrate command of voice moderation, voice projection and pacing during presentation. Speak cogently with or without notes.</p> <p>CO6- Use of visual, audio and</p>

		audio-visual materials to support the presentation.
MHSS401	Science and Technology in Colonial India	<p>CO1- Identify the relationship between science and colonialism</p> <p>CO2- Explain the origin, development and institutionalization of scientific disciplines In colonial India</p> <p>CO3- Develop skills to analyze the secondary historical sources pertaining to science and technology in modern India.</p> <p>CO4- Identify a range of techniques for writing about the history of science and technology.</p> <p>CO5- Understand the debates on history of science and technology with special reference to modern India.</p> <p>CO6- Analyse the encounters of local knowledge and unravel people responses to Western knowledge systems</p>
MHSS402	History of Indian Diaspora	<p>CO1- Define History of Indian Diaspora</p> <p>CO2- Understand the conception, origin and evolution Indian diasporas</p> <p>CO3- Examine Stages of migration in Asian nation (pre-colonial, colonial and twentieth century time-frame)</p> <p>CO 4- Analyze Political ,social and economic effects of migration in India Diaspora</p> <p>CO5- Debate on migration in 20th century and the policy of Indian Government towards Indian Diaspora.</p> <p>CO6- Design the outlines of history of Indian Diaspora</p>

M.A./M.Sc. GEOGRAPHY

Program Specific Outcomes (PSO)

PSO 1	To aware about the regional and national environmental issues, recent trends, and technological advancements in the discipline of Geography.
PSO2	To develop the ability of making comprehensive analysis, interpret spatio- temporal problems, suggest proper solutions by using theoretical, methodological and instrumental knowledge of Geography.
PSO3	To gain good understanding about proper utilization of natural resources through geographical knowledge.
PSO4	To develop the research interest to solve critical and emerging issues related to Geography and surrounding environment.

Course Outcomes

Paper code	Paper name	Course outcome
MGGC-101	Geographic Thought	CO1- Students will be recall the definition, scope, and branches and importance of geography in various fields of study. CO2- Students will be able to explain the importance and scope of Geography. CO3- They will be able to classify world Geography into various historical time period. CO4-. Now they will be identifying various world famous geographical scholars of different historical time period. CO5-.They will be able to prepare an assignment on the various fields of Geography. CO6- They will be able to evaluate the contribution of Geographers from classical period to modern time period.
MGGC-102	Advance Geomorphology	CO1- Students will be recall the definition, scope, and branches of Geomorphology. CO2- Students will be able to explain the concept of Geomorphology. CO3- They will be able to classify world geomorphic region. CO4-. Now they will be identifying various type of landforms develop by various process. CO5-.They will be able to prepare an assignment on the application of Geomorphology in practical world and region geomorphology.

		CO6- Now they will learn the use of morphometric analysis.
MGGC-103	Geography of Natural Resources	<p>CO1- Students will memorize different types of economic activities and type of resources.</p> <p>CO2- Students will be able to classify world economic region on the basis of different types of economic activities and availability of resources.</p> <p>CO3- They will be able to draw the world resource distribution map.</p> <p>CO4-. They will be able to know the concept of world's resource region and responsible factors for the development of economy in these regions.</p> <p>CO5-.They will be able to prepare world resources map after studying all the chapters.</p> <p>CO6- They will be able analyze and write about importance of sustainable development with need of resources conservation.</p>
MGGC-104	Geography of India	<p>CO1- Students will able to provide detail knowledge about physiographic divisions and unity in diversity of India.</p> <p>CO2- Students will be able to explain Plans and policies introduced by Indian government.</p> <p>CO3- They will be able to clarity about physical, climatic and natural vegetation demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. Students will be able to compare between Plans and policies introduced by Indian government.</p> <p>CO5- They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO6- Now students will be able to argue on the suces or failure of plans and scheme of Indian Government as well as development of all Geographical parameters in India.</p>
MGGC-105	India – Locational Aspects (Map)	<p>CO1- Students will able to recall the detail knowledge about physiographic divisions.</p> <p>CO2- Students will be able to explain and compare between different regions of India.</p> <p>CO3- They will be able to clarity about physical, climatic and natural vegetation demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO4-. They will able to examine the reasons for the uneven distribution of various natural and cultural components in India.</p> <p>CO5- Students will able to prepare maps of physical,</p>

		<p>demographic, social, cultural, agriculture and economic spheres of Indian regions.</p> <p>CO6- Now they will be able to justify the relation between physical features and cultural development in various region of India.</p>
MGGL-101	Geography Practical	<p>CO1- Students will be recall the projection</p> <p>CO2- Students will be able to explain topographical maps.</p> <p>CO3- They will be able to classify different type of map.</p> <p>CO4-. Now they will be identifying various type of landforms develop by various process and their morphometric analysis.</p> <p>CO5-.They will be able to prepare different types of maps as Geological map, topographical map etc.</p> <p>CO6- The will be able to draw various geological profiles.</p>
MGGC-201	Geography of the Himalaya	<p>CO1- Students will be recall Himalayan physiographic division and other cultural information.</p> <p>CO2- Students will be able to explain topographical features of Himalaya.</p> <p>CO3- They will be able to classify various physical and cultural landforms in Himalayan region made by rivers, glaciers and man.</p> <p>CO4-. Now they will be identifying various type of natural hazards in the Himalayan region.</p> <p>CO5-.They will be able to prepare map and plan for population distribution and related field of Himalaya.</p> <p>CO6- Now student will be able to write their view and the description of geographical knowledge of different region of Himalaya with development plan and policies of government in the region.</p>
MGGC-202	Advance Climatology	<p>CO1- Students will be recall meaning, scope and importance of climatology.</p> <p>CO2- Students will be able to explain different components of atmosphere.</p> <p>CO3- They will be able to classify world climate classification.</p> <p>CO4-. Now they will be identifying highly climate disturb region.</p> <p>CO5-.They will be able to prepare assignment on world climate.</p> <p>CO6-.Now the students will be able to write about the meaning and factors responsible for the climate change.</p>
MGGC-203	Environment al Study	<p>CO1- Students will be recall meaning and definition of environmental geography.</p> <p>CO2- Students will find environmental issues.</p> <p>CO3- Students will be able to examine different types of environments, ecological setting and their issues and challenges.</p> <p>CO4- Now they will be able to explain role of environmental conservation and management.</p> <p>CO5-. They will be able to prepare the project on environment and</p>

		<p>issues related to environment.</p> <p>CO-6 Now they will be able to write his view on importance of environmental management and different organization and their plans for environment conservation.</p>
MGGC-204	Remote Sensing and GIS	<p>CO1- Students will recall remote sensing. They will be able to find about meaning and types and uses of GIS and its data.</p> <p>CO2- Students will be able to explain the sources and platform of remote sensing.</p> <p>CO3- They will be examining the use of GIS for preparation of digital maps.</p> <p>CO4- They will be able to examine the importance of remote sensing and Arial photograph.</p> <p>CO5-. They will be able to compose the importance of remote sensing.</p> <p>CO6- Now the students will able to prepare plan for the selected region with the help of GIS tools.</p>
MGGC-205	World (Excluding India) Location Aspects (Map)	<p>CO1- Students will able to recall the detail knowledge various physiographic region and features located in the world.</p> <p>CO2- Students will be able to identify, explain and compare between different physical and cultural regions of the world on the world map.</p> <p>CO3- They will be able to show physical, climatic and natural vegetation demographic, social, cultural, agriculture and economic regions of the world on the map.</p> <p>CO4-. They will able to prepare maps of physical, demographic, social, cultural, agriculture and economic spheres of the various continents and countries.</p> <p>CO 5- Students will be able to present critical view on the development of different economical region of the world.</p> <p>CO6- Now they will be presents a plan for the development of eco and environmental back world regions of the world.</p>
MGGL-201	Geography Practical	<p>CO1- Students will recall meaning and types and uses of GIS and it's data.</p> <p>CO2- Students will be able to explain the sources and platform of remote sensing.</p> <p>CO3- They will be examining the use of GIS for preparation of digital maps.</p> <p>CO4- They will be able to examine the importance of remote sensing, arial photograph and GPS.</p> <p>CO5-. They will be able to compose the importance of remote sensing.</p> <p>CO6- They will be able to use of GIS data for the preparation of map.</p>
MGGC-301	Research methodology and techniques	<p>CO1- Students will find the meaning, type and research process.</p> <p>CO2- Students will be able to explain the importance of</p>

		<p>research.</p> <p>CO3- They will be examining the importance of research.</p> <p>CO4- They will be able to examine the importance of remote sensing, aerial photograph and GPS.</p> <p>CO5-. They will be able to compose the importance of remote sensing.</p> <p>CO6- They will be able to framing of pilot and Research project.</p>
MGGC-302	Models & theory in human geography	<p>CO1- Students will recall meaning and types and uses of concept and theories.</p> <p>CO2- Students will be able to explain the different models.</p> <p>CO3- They will be examining the use of models in geography.</p> <p>CO4- They will be able to compare between different types of model.</p> <p>CO5-. They will be able to write the importance of model in geography.</p> <p>CO6- They will be able to apply different model in practical world.</p>
MGGE-303	Natural Hazards & Disaster Management	<p>CO1- Students will recall meaning and types of disaster and hazard.</p> <p>CO2- Students will be able to explain the factors responsible for disaster and hazard.</p> <p>CO3- They will be illustrating various tools and methods to study the disaster and hazard.</p> <p>CO4- They will be able to examine the government programmes and policies to control the disaster and hazard in different region.</p> <p>CO5-. They will be able to evaluate the loss of property and life in various regions and various type of disaster.</p> <p>CO6- They will be able to write and prepare a map for the disaster affected region of their state and country.</p>
MGGE-304	Political Geography	<p>CO1- Students will be able to define political geography.</p> <p>CO2- Students will be able to identify world political region.</p> <p>CO3- They will be able to write about concept of nation and theories given by different geographers.</p> <p>CO4- They will be able to illustrate political distribute between different countries of the world.</p> <p>CO5-. They will be able to examine Indian political system on country, state and local level.</p> <p>CO6- They will be able to evaluate Indian constitute.</p> <p>CO7- They will be able to design new frame work of Indian</p>

		political system for betterment.
MGGE-305	Cultural Geography	<p>CO1- Students will recall the knowledge of culture.</p> <p>CO2- Students will be able to recognize major cultural region of the world.</p> <p>CO3- They will be able to interpret the theories given by geographers.</p> <p>CO4- They will be able to distinguish between the people of different races.</p> <p>CO5-. They will be able to evaluate concept and significations of Culture Geography.</p> <p>CO6- They will be able to develop a plan to maintain unity and brotherhood among the people in the world.</p>
MGGGL-301	Quantitative Techniques and Mapping	<p>CO1- Students will recall of meaning of map.</p> <p>CO2- Students will be able to explain different types of diagram and graph.</p> <p>CO3- They will be examining the use of GIS for preparation of digital maps.</p> <p>CO4- They will be able to examine the importance of statistical method and technique.</p> <p>CO5-. They will be able to compose the importance of GIS data.</p> <p>CO6- They will be able to show the data by different methods of diagrams.</p>
MGGC-401	Uttarakhand- A Regional Aalysis	<p>CO1- Students will recall general information on Uttrakhand.</p> <p>CO2- Students will be able to discuss various physical and cultural elements in Uttarakhand.</p> <p>CO3- They will be able choose a area of highly economy and physiographical strong and backward region in Uttarakhand.</p> <p>CO4- They will be able to ask question regarding poor economy and failure of implementation of government plan in Uttarakhand.</p> <p>CO5-. They will be able to evaluate the economic progress and loss of economy and backwardness due to the natural calamity and hazards in the region.</p> <p>CO6- They will be able to present a plan for economy development and weak environmental region of Uttarakhand.</p>
MGGC-402	Dissertation	<p>CO1- Students will recall the knowledge of allotted micro region.</p> <p>CO2- Students will be able to discuss the knowledge concern with the given topic.</p>

		<p>CO3- They will be able to choose a problem, construct a hypothesis, collect the review of literature in allotted micro region.</p> <p>CO4- Thus they will be able to prepare questioner regarding topic of dissertation.</p> <p>CO5-. They will be able to evaluate the results and move to work on all parameters of research in allotted region for dissertation.</p> <p>CO6- They will be able to prepare a complete report on allotted topic for dissertation.</p>
MGGE-406	Oceanography	<p>CO1- Students will recall general information about oceanography.</p> <p>CO2- Students will be able to discuss significance and problems in oceans.</p> <p>CO3- They will be to draw a map or sketch of world oceans and currents.</p> <p>CO4- They will be able to attempt critical study on the economic and environmental aspect of oceans.</p> <p>CO5-. They will be able to evaluate the availability of oceanic resources in a region.</p> <p>CO6- They will be able to prepare a map and write about marine resource region in the world.</p>
MGGE-407	Population Geography	<p>CO1- Students will find the knowledge about nature, scope and definition of population geography.</p> <p>CO2- Students will be able to discuss various components and issues concern with population.</p> <p>CO3- They will be able to illustrate the reason and results of highly populated and less populated region of the world.</p> <p>CO4- They will be able to distingue between the region of highly populated and low density.</p> <p>CO5-. They will be able to evaluate the economy progress and leaving standard in highly populated and low density region of world.</p> <p>CO6- They will be able to prepare a map and write about the problems and solution of highly populated and low density region of world.</p>
MGGE406	Agriculture Geography	<p>CO1- Students will find the knowledge about definition, scope and significance of agriculture geography.</p> <p>CO2- Students will be able to identify world agriculture region.</p> <p>CO3- They will be able to examine the problems and</p>

		<p>limitation of different types of agriculture.</p> <p>CO4- They will be able to ask question regarding slow progress of agriculture in a particular region of the world.</p> <p>CO5-. They will be able to evaluate the progress green revolution and white revolution in India.</p> <p>CO6- They will be able to prepare an assignment on programs and policies introduced by India government in the field of agriculture.</p>
MGGL-401	Geography Practical	<p>CO1- Students will recall the application of various type and use of ground survey.</p> <p>CO2- Students will be able to discuss the progress of Survey of India.</p> <p>CO3- They will be choose a area for prepare a plan or sketch.</p> <p>CO4- They will be able to examine the method of survey in reference to fulfill the requirement of purpose.</p> <p>CO5-. They will be able to evaluate all the work done by them in ground.</p> <p>CO6- They will be able to prepare a map for ground or allotted survey area.</p>

M.A. JOURNALISM AND MASS COMMUNICATION

Programme outcome (POs)

PO 1	Knowledge: The students acquire knowledge and understanding in the field of Mass Communication their theories and fundamental concepts. It will enhance the global as well as regional knowledge.
PO2	Problem Analysis: The students will develop critical and analytical skills to identify and analyse social issues and problems and suggest improvements for better result. It provides a multi-disciplinary and inter- disciplinary perspective to the students and enables them to analyse and critique the existing policies and explore innovative solutions
PO3	Design/development of solution : Design solution to complex problem that meet specified needs with appropriate consideration for public health and safety cultural societal and environmental consideration
PO4	Investigations: The students will analyse and evaluate data on the basis of empirical evidence and critically evaluate practices, policies and theories following scientific approach of Investigations.
PO5	Modern Tool Usage: Modern appropriate technique is important for students to produce, create distribute and promotion media content. Equipped with ICTS skills and digital literacy.
PO6	Team Learning: The students will learn independent individual learning and collaborative team learning through practical sessions that provide opportunities to interact with industry and gain hands-on experience.
PO7	Communication Skills: The students will develop communication and presentation skills which will help in expressing ideas and views clearly and effectively with the community and society at large.
PO8	Professionalism: The students will be confident and equipped with the skills that will promote self-management, employability, entrepreneurship, professional integrity and leadership needed in a global workplace.
PO9	Ethics: The students will learn values and ethics and an ability to apply these with a sense of responsibility within the workplace and community which will transform them as responsible citizens.
PO10	Environment and Sustainable Development: The students will be able to impart solutions in societal and environmental contexts, and demonstrate the knowledge and need for sustainable development.
PO11	Life-long Learning: Acquire lifelong knowledge on different aspect of media, skills and technology and keep updating with the changing media scenario.

PO12	Engineering and Society: The students will able to use the knowledge of mass media by knowing the instrumental and technological functions of ICT tools, to write content, click photos and create broadcasting programmes, sounds , graphics design and visual with artistic imputes.
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Program Specific Outcome (PSOs)

PSO 1	An ability to define various field of mass communication.
PSO2	An ability to understand theories practices and communication that prepare for future carers in mass media and media studies.
PSO3	Applying skills in preparation, creation and distribution of content for different mass media channels/ platform.
PSO4	Able to write edit and analyse different types of news and content for various media platform.
PSO5	Ability to report stories in an accurate balance professional ethical manner.

Course Outcomes (CO)

Course Code	Course Name	Outcomes
MAMC/C 101	Principle of Mass Communication	<p>CO1-Recall the key concepts and process of human communication.</p> <p>CO2-Understand and explain the key concepts and theories in communication.</p> <p>CO3- Apply communication theories to real-world media scenarios.</p> <p>CO4- Analyze and critique various communication models and their applications.</p> <p>CO5- Evaluate the role of media in cultural, social and political contexts.</p> <p>CO6- Develop communication skills and understand the ethical responsibilities of media in society.</p>

MJMC/C102	Development of Media	<p>CO1- Describe the evolution of different media forms, including print, radio, television and digital media.</p> <p>CO2- Explain the significance of technological advancements in media evolution.</p> <p>CO3- Utilize historical examples to illustrate the evolution of media over time.</p> <p>CO4- Analyse, explain the contemporary media issues, present scenario, modernity, changing trends</p> <p>CO5- Evaluate the emergence and effect of New Communication Technologies on different medium of communication</p> <p>CO6- Develop critical understanding of future of different media and upcoming trends.</p>
MJMC/C103	Print Media – I (Reporting and Editing)	<p>CO1- Identification of news, editorial page and print media terminology.</p> <p>CO2- Understanding of news format, news gathering, editing process and media ethics</p> <p>CO3- Explain Newspaper printing process and co-ordination of departments.</p> <p>CO4- Able to Use of print media terminology, Page layout and designing.</p> <p>CO5- Assess Press and field visit to know the working culture of press and execution</p> <p>CO6- Compose news, article, Editorial, Photo caption and feature writing and editing.</p>
MJMC/C104	Electronic Media and Photography	<p>CO1- Describe the origin and evolution of electronic media</p> <p>CO2- Explain the changing pattern in electronic media industry and photography</p> <p>CO3- Illustrate different elements and tools of photography</p> <p>CO4- Interpret the history, importance and concept of photography</p> <p>CO5- Outline the principles and ethics of professional photojournalism</p> <p>CO6- Create and compose professional images and developing specialization skills</p>

MJMC/C105	Advertising	<p>CO1- Define basic concept, meaning, history, growth and classification of advertising</p> <p>CO2- Understand objectives and practices of advertising</p> <p>CO3- Explain ethics and laws of advertising.</p> <p>CO4- Classify different types of advertising media and tools, and discuss the role of creativity in advertising.</p> <p>CO5- Evaluate the socio-economic effects of advertising.</p> <p>CO6- Design an advertisement for different media platforms.</p>
MJMC/C106	General Awareness and Current Affairs	<p>CO1- Describe international and national, issues and current affairs.</p> <p>CO2- Understand changing socio, economic, political and technological scenario.</p> <p>CO3- Interpret global conflict and role of media.</p> <p>CO4- Analyse the changes at national and international and media coverage.</p> <p>CO5- Examine the role of media in the thought process of human being.</p> <p>CO6- Generate new ideas and perception to see the changing scenario and give solutions.</p>
MJMC/P107	Internship/apprenticeship/project/community outreach	<p>CO1- Identify the technical knowledge in real industry situation.</p> <p>CO2- Understand the report, feature, news and article writing and scripting for broadcast media.</p> <p>CO3- Demonstrate regarding working environment, responsibilities and ethics.</p> <p>CO4- Analyze the technology for various media platforms.</p> <p>CO5- Assess the social, economic and administrative consideration during intern and training.</p>

		CO6- Develop the skill for Gain experience in writing, reporting and editing for various media.
MJMC/C201	Development Communication	<p>CO1- Define and describe the concept, process and indicators of development and relation with media</p> <p>CO2- Conceptual understanding of different models of development and approaches of Development communication</p> <p>CO3- Identify and explain different agencies, programmes, schemes and policies related to development</p> <p>CO4- Compare the divide between Developed and Developing societies</p> <p>CO5- Examine the major challenges, problems, issues in development</p> <p>CO6- Able to create and produce report, stories, news, design ICT and strategy campaign for development.</p>
MJMC/C202	Media Management	<p>CO1- Define the concept and fundamental of media management</p> <p>CO2- Inculcate understanding on structure and functions of media organisations</p> <p>CO3- Explain the issue, concerns of media management, challenges of media industry</p> <p>CO4- Analysis the media economics, strategic management with case studies</p> <p>CO5- Assess the implications of cross-media ownership in the media industry.</p> <p>CO6- Construct an ideal editorial management structure for a new media organization</p>

MJMC/C203	Media Laws and Ethics	<p>CO1- Define ethical framework of media laws and ethics</p> <p>CO2- Explain and Identify technology and ethical parameters in news writing</p> <p>CO3- Apply ethical guidelines from the media regularities bodies</p> <p>CO4- Analyse social responsibility and accountability of media.</p> <p>CO5- Assess the impact of new media platforms.</p> <p>CO6- Design a framework for ethical writings for media platforms.</p>
MJMC/C204	Public Relations and Corporate Communications	<p>CO1- Identify the basic concept, history and objectives of public relation</p> <p>CO2- Understand theories and practices of PR and Corporate Communication</p> <p>CO3- Develop the ability to design professional marketing strategy and research in PR</p> <p>CO4- Illustrate the ethics and laws of PR and Corporate Communication</p> <p>CO5- Critically examine the corporate communication advent, role and strategic management</p> <p>CO6- Create and write for PR and other media platforms.</p>
MJMC/P205	Print Media -Practical	<p>CO1- Define media, terminology, facts, software and reporting</p> <p>CO2- Understand reporting, page design and layout technology and changing trends.</p> <p>CO3- Application of layout and design, editing principles, writing techniques and software for news paper production</p> <p>CO4- Explain process and function of news paper department, coordination and new trends</p> <p>CO5- Evaluate the role of technology and impact of news papers on society.</p>

		<p>CO6- Create and design news, news package, feature, edit page article and editorial</p>
MJMC/P206	Mobile Journalism(Practical)	<p>CO1- Explain the role of mobile devices in modern journalism, emphasizing their benefits and challenges.</p> <p>CO2- Describe the role of mobile devices in modern journalism, detailing their impact and significance..</p> <p>CO3- Apply mobile reporting techniques to capture high-quality audio and video.</p> <p>CO4 -Analyze and optimize content for social media platforms.</p> <p>CO5- Evaluate the ethical and legal implications of mobile journalism</p> <p>CO6- Design and execute a comprehensive mobile journalism project.</p>
MJMC/P207	Internship/apprenticeship/project /community outreach	<p>CO1- Identify the technical knowledge in real industry situation.</p> <p>CO2- Understand the report, feature, news and article writing and scripting for broadcast media.</p> <p>CO3- Demonstrate regarding working environment, responsibilities and ethics.</p> <p>CO4- Analyze the technology for various media platforms.</p> <p>CO5- Assess the social, economic and administrative consideration during intern and training.</p> <p>CO6- Develop the skill for Gain experience in writing, reporting and editing for various media.</p>

MJMC/L 301	Documentary Production (Practical)	<p>CO1- Identity different stages of documentary production techniques</p> <p>CO2- Demonstrate research skills in collecting evidences</p> <p>CO3- Prepare and produce the structure and script of the documentary</p> <p>CO4- Plan to make documentary on any socio-economic and current issues</p> <p>CO5- Evaluate the role of narrator, actor ,audience, participations in documentary cinematography</p> <p>CO6- Design research base writing, script presenting anchoring, voice over narration, shooting with professional camera</p>
MJMC/C302	Communication Research	<p>CO1- Define basic concepts, methods and stages of research</p> <p>CO2- Understand the sampling methods and technique</p> <p>CO3- Demonstrate the ability to choose methods, designs to gather data., appropriate to research aims and objectives</p> <p>CO4- Analysis the data techniques, tabulation and data analysis</p> <p>CO5- Asses and devise internet as a source to write research report, ethical prospective of mass media research</p> <p>CO6- Design and develop skill in prepare synopsis, dissertation, projects and presentation</p>
MJMC/C303	Advanced Advertising and Integrated Market Communication	<p>CO1- Describe advertising concept, theory , role , scope and importance</p> <p>CO2- Explain consumer behaviour, models , theories and factors influencing</p> <p>CO3- Apply Integrate Marketing Communication tools and techniques in advertising</p> <p>CO4- Analyse Market research and advertising research model and process</p>

		<p>CO5- Distinguish online communication and Interactive marketing with professional uses of advertisement</p> <p>CO6- Design and create advertisement for media with promotional elements and tools</p>
MJMC/E 304 A	Dissertation	<p>CO1- Define research and techniques</p> <p>CO2- Understand different stages of research</p> <p>CO3- Apply appropriate research method designs to gather data.</p> <p>CO4- Demonstrate of different data and sampling mythology</p> <p>CO5- Outline and analysis the framework of research report</p> <p>CO6- Create research based dissertation, projects and prepare synopsis</p>
MJMC/E304 B	Project	<p>CO1- Identity study area and review of literature</p> <p>CO2- Explain relevance and importance of project with use of models</p> <p>CO3- Construct a detailed plan of a research project.</p> <p>CO4- Demonstrate of different data and sampling mythology</p> <p>CO5- Consider and measure the collect data to be used in project</p> <p>CO6- Make a design and manage a piece of original project with use of modern tools</p>
MJMC/E 305 A	Human Rights and Mass Media	<p>CO1- Identify the evolution, growth, law and terminology of human rights</p> <p>CO2- Understand the conceptual frame work between media, gender and human rights</p> <p>CO3- Explain different human rights issues in contemporary society</p> <p>CO4- Able to analyse, representation of human rights and gender issues in media</p> <p>CO5- Assess the role of national commission,</p>

		<p>media freedom and their impact on society</p> <p>CO6- Develop understanding on laws and ethics related to gender and human right</p>
MJMC/E 305 B	Introduction to Social Media	<p>CO1- Define social media terminologies and their meaning</p> <p>CO2- Describe virtual culture, social media ethics, cyber-crime and laws</p> <p>CO3- Explain social media technology its application and new paradigm</p> <p>CO4- Analyze sociology of the Internet and new media</p> <p>CO5- Evaluate the impact of social media, advantages, limitation and risk factors</p> <p>CO6- To create & dissect multimedia content planning and visual design.</p>
MJMC/C 306	Film Studies	<p>CO1- Understand the film form and its historical context</p> <p>CO2- Explain the elements and technology of cinema</p> <p>CO3- Illustrate the difference between camera shots, angles, movement</p> <p>CO4- Relate and distinguish different film form, genre and style of cinema</p> <p>CO5- Assess the changing scenario and genre of films and techniques worldwide</p> <p>CO6- Construct a deeper meaning on authorship, feminist theory and genre of film</p>
MJMC/P 307	Research Paper Publication	<p>CO1- Describe established facts, concepts, and theories relevant to the research topic.</p> <p>CO2- Explain the significance and implications of the research problem.</p> <p>CO3- Apply research methods and techniques to collect and analyze data.</p> <p>CO4- Analyze data to identify trends, patterns and</p>

		<p>relationships.</p> <p>CO5- Critically assessing the significance and contribution of the research to the field.</p> <p>CO6- Design and create innovative research methodologies or approaches to research paper writing</p>
MJMC/C401	New Media Technology	<p>CO1- Define sociology of the Internet and New Media</p> <p>CO2- Describe virtual culture and Digital Journalism.</p> <p>CO3- Illustrate digital production and social media projects</p> <p>CO4- Relate and analyze the need of cyber security and privacy for new media</p> <p>CO5- Evaluate convergence culture, social media and participatory media culture.</p> <p>CO6- Produce the digital media content with using modern media tools paper writing</p>
MJMC/C402	Environmental Communication	<p>CO1- Define environmental communication, its objectives, and scope</p> <p>CO2- Understand the concept of ecological integrity and its relevance to sustainable natural resource management.</p> <p>CO3- Apply knowledge of environmental organizations and their missions to design strategic communication campaigns.</p> <p>CO4- Analyze the causes and consequences of key environmental issues</p> <p>CO5- Critically analyze the ethical implications of media representations of environmental issues.</p> <p>CO6- Design strategic communication campaigns for environmental organizations.</p>

MJMC/P 403	Event Management (Practical)	<p>CO1- Describe all the steps of planning and organizing an event</p> <p>CO2- Discuss ways of strategic marketing and media planning for events.</p> <p>CO3- Demonstrate knowledge and ability to identify of risk areas, evaluate safety measures</p> <p>CO4- Plan an event and Formulate research, planning and logistic related to various events</p> <p>CO5- Assess the SWOT analysis of event management organisation</p> <p>CO6- Prepare and produce event proposal and develop presentation skill with the help of ICT tools.</p>
MJMC/ E 404 A	T.V. Journalism and Production - II (Practical)	<p>CO1-Identify different kinds of video cameras with functions.</p> <p>CO2- Demonstrate basic video editing techniques of broadcasting.</p> <p>CO3-Produce studio-based TV programs in different formats.</p> <p>CO4-Plan and make a documentary with skilled production techniques.</p> <p>CO5-Assess television techniques for making interviews, chat shows, and discussions.</p> <p>CO6- Prepare and produce scripts, studio, and outdoor programs with editing techniques.</p>
MJMC/E 404 B	Radio Journalism and Production – II (Practical)	<p>CO1- Identify the basic techniques of broadcasting..</p> <p>CO2- Develop the conceptual understating of skills making interview, radio programs and jingles</p> <p>CO3- Develop and produce script for radio formats</p> <p>CO4- Analyse the execution, requisite, challenges in radio program production</p> <p>CO5- Evaluate Radio Professional by using modern tools.</p> <p>CO6- Produce Studio based Radio programmes in</p>

		different formats.
MJMC/ E 405 A	Print Media -Specialized Reporting	<p>CO1- Define beat/specialised news reporting and their function.</p> <p>CO2- Explain relevance of specialised news and other content for print media.</p> <p>CO3- Demonstrate and apply the skill in specialised reporting</p> <p>CO4- Analyse the various angles of news and its impact on readers.</p> <p>CO5- Examine the relevance of specialized reporting in contemporary times.</p> <p>CO6- Create specialised news stories and content following news ethics and news values.</p>
MJMC/E 405 B	Photo Journalism	<p>CO1- Define basic concepts of photography and its components</p> <p>CO2- Explain uses and applicability of different type of lighting in photography.</p> <p>CO3- Prepare and produce professional images using photo editing software</p> <p>CO4- Analyze the role of photojournalism in shaping public opinion and storytelling..</p> <p>CO5- Evaluate ethical practices and their impact on creating meaningful photojournalistic projects.</p> <p>CO6- Develop skill for photo journalist with help of ICT tools and technique of photography.</p>
MJMC/C406	Folk Culture of Uttarakhand	<p>CO1- Define Folk Culture and tradition of Uttarakhand.</p> <p>CO2- Conceptual understanding of architecture and archaeology of Utrakhand.</p> <p>CO3- Explain the role of media in promotion of folk culture, Food and Customs</p> <p>CO4- Analysis the Folk Artist and their contribution</p>

		<p>in Uttarakand folk culture.</p> <p>CO5- Evaluate the significance , impact of modernization and globalization on folk culture.</p> <p>CO6- Develop and create content about different dimensions of folk culture, knowledge of traditional communication mediums</p>
MJMC/P 407	Internship/apprenticeship/project/community outreach	<p>CO1- Identify the technical knowledge in real industry situation.</p> <p>CO2- Understand the report, feature, news and article writing and scripting for broadcast media.</p> <p>CO3- Demonstrate regarding working environment, responsibilities and ethics.</p> <p>CO4- Analyze the technology for various media platforms.</p> <p>CO5- Assess the social, economic and administrative consideration during intern and training.</p> <p>CO6- Develop the skill for Gain experience in writing, reporting and editing for various media.</p>