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Department of Arabic

BA Arabic Programme Outcomes

1) The BA program of Arabic prepares students to develop ability to merge with the streams of modern Arabic literature. Thereby they are taught the works of the authors and thinkers of the modern era.

Further, the students shall be able to:

2) Demonstrate capability of writing essay and discussion on current scenario and situation

3) Demonstrate skills in conversation and translation of social and cultural issues

Semesters	Paper title	Paper code	Subject outcome
1st semester	ARABIC GRAMMAR & COMMUNICATION - I	BAAR101CCT	The course is designed to result in developing smooth expression and speaking power besides acquaintance with the words of daily conversation and command over important grammar.
	BOAR101CCT	Arabic (OL)	The course is designed to result in making familiar with standard literature of prose and poetry besides facilitating to memorize necessary words and phrases in addition to command over important grammar.
2nd Semester	GRAMMAR & COMMUNICATION-II	BAAR201CCT	The course is designed to result in helping memorize the words required in daily conversation and command over application of important grammar.
	TEXT & COMPOSITION - I	BAAR301CCT	The course is designed to result in evolving vocabulary power and gain

3rd Semester			skills in expression
	BOAR301CCT	Arabic (OL)	The course is designed to result in developing smooth expression and facilitate excellence in conversation besides command over vocabulary power and application of grammar in reading and writing by making familiar with literary leading to essay writing and command over translation from Arabic to English to Arabic
4th Semester	TEXT & COMPOSITION - II	BAAR401CCT	The course is designed to result in developing command over smooth reading and sentence formation besides application of grammar while reading and writing.
5th Semester	MODERN PROSE	BAAR501DST	The course is designed to result in awareness with literary specimens and evolving command over expression and essay writing on various topics besides making acquainted with different eras of Arabic language and literature.
	CLASSICAL PROSE	BAAR502DST	The course is designed to result in making acquainted with Arabic language, phonetics and rhetoric besides command over expression and essay writing in addition to capability of understanding classical literary specimens along with classical texts.
	TAJWEED	UGAR501GET	The course is designed to result in developing excellence in correct

			pronunciation of the Holy Quran and perfection in impressive recitation according to the rules of Tajweed.
6ᵗʰ Semester	MODERN POETRY	BAAR601DST	The course is designed to result in developing skills in articles and report writing besides making acquainted with Abbasid and modern periods along with command over applying the rules of dictation and punctuation.
	CLASSICAL POETRY	BAAR602DST	The course is designed to result in gaining excellence in articles and report writing besides making acquainted with classical poetry and rules of dictation and punctuation.
	KHAT	UGAR601GET	The course is designed to result in making familiar with different Arabic scripts and training to use them besides exposure to the stages of their development.

MA Arabic Programme Outcomes

1) The MA program of Arabic prepares students for further higher study or doctoral programme in Arabic, in addition to professional writing career and teaching Arabic in universities, colleges, schools, and Madrasas

Further, the students shall be able to:

2) Demonstrate knowledge of the history of the Arabic language, literary history, prominent periods, authors, genres, literary theories and rhetoric

3) Demonstrate critical and analytical skills in the evaluation of Arabic text

4) Demonstrate command over academic contributions

5) Possess knowledge of linguistics, Arabic language teaching, advanced phonetics, and

6) Demonstrate their knowledge and command over Urdu

MA Arabic Programme Specific Outcomes

The students shall be able to

1) Demonstrate knowledge of Arabic literature of Pre-Islamic, Islamic, Umayyad and Abbasid periods in addition to Indian Writings in Arabic, Arabic-Urdu literature, translation, Social and Cultural issues

Basic Linguistics, Arabic Language Teaching and Advanced Phonetics

2) Develop complex reading, writing, and research skills

3) Develop and display understanding of literary theories

4) Develop knowledge and skills to analyze textual materials and secondary sources.

MA Arabic Course Outcomes

S. No.	Paper Code	Paper Name	Outcomes
1	MAAR101CCT	CLASSICAL PROSE	The course is designed to result in familiarity with literary trends and different styles of prose starting with pre - Islamic period up to the Abbasid.
2	MAAR102CCT	GRAMMAR-I	The course is designed to result in awareness with Arabic grammar, its importance and basic ideas, with confidence in correct reading, writing and speaking.
3	MAAR103CCT	HISTORY OF ARABIC	The course is designed to result in introduction to different literary trends

		LITERATURE-I	through ages starting from pre - Islamic period covering Islamic, Ummayyad ending upto Abbasid periods, exposing to classical Arabic sources, famous schools, personalities and literary excellence
4	MAAR101DST	TRANSLATION-I (POLITICAL AND MILITARY ISSUES)	The course is designed to result in expertise in translation and introducing various terminologies related to political and military issues
5	MAAR102DST	TRANSLATION-II (GENERAL)	The course is designed to result in command over translation from and to Arabic, besides evolving skills in translating political, administrative and business terminologies
6	MAAR101GET	INTRODUCTION TO ARABIC LANGUAGE	The course is designed to result in introduction to the significance of Arabic language, recognize Arabic scripts and the impact of Arabic on world languages
7	MAAR201CCT	CLASSICAL POETRY	The course is designed to result in familiarity with classical Arabic poetry, its different aspects, literary treasure and knowledge based contents besides exposure to the characteristics of Arabic poetry in different ages as well as issues related to Arabic poetry and the opinions of the subject experts
8	MAAR202CCT	RHETORIC AND PROSODY	The course is designed to result in understanding artistic merit of literary

			texts in prose and poetry, developing the sense of criticism besides introducing essays of rhetoric, its delicacies that make texts impressive and meaningful
9	MAAR203CCT	GRAMMAR-II	The course is designed to result in developing capability to solve problems related to grammar and its application in speech and writing
10	MAAR201DST	TRANSLATION-III (SCIENTIFIC MATERIALS)	The course is designed to result in expertise in translation besides equipping with modern scientific terminologies related to nature, health and environment
11	MAAR202DST	TRANSLATION-IV (SOCIAL ISSUES)	The course is designed to result in developing capability of translation besides equipping with modern terminologies related to political, military, economic and business issues
12	MAAR203DST	INTRODUCTION TO MODERN ARAB WORLD	The course is designed to result in awareness with contemporary Arab world, its people and geographical conditions as well as introduction to the States from the Pacific to the Gulf
13	MAAR201GET	ARAB CIVILIZATION AND ITS CONTRIBUTION	The course is designed to result in exposure to the glories past of Arab civilization, its contributions to the world and the development process therein

14	MAAR301CCT	MODERN PROSE	The course is designed to result in understanding Arab renaissance, its factors along with modern Arabic prose its literary characteristics, trends, issues and personalities
15	MAAR302CCT	LITERARY CRITICISM	The course is designed to result in introduction to various literary trends through ages, classical and modern literary heritage as well as their literary standard
16	MAAR303CCT	HISTORY OF ARABIC LITERATURE-II	The course is designed to result in familiarity with the evolution of Arabic literature through ages, its personalities, styles, shades, trends and characteristics
17	MAAR301DST	LINGUISTICS	The course is designed to result in awareness with the issues of linguistics, its branches, different views about evolution of language, its families and groups in addition to Arab analysis of the subject
18	MAAR302DST	ARABIC LITERATURE IN ANDALUS	The course is designed to result in introduction to the art of poetry, traditional topics of Andalus poetry along with familiarity with poetic merits and literary characteristics of Andalus prose
19	MAAR301GET	BASIC ARABIC READING AND WRITING	The course is designed to result in capability to read basic and simple sentences in Arabic and ability to use

			basic vocabulary in daily life
20	MAAR401CCT	MODERN POETRY	The course is designed to result in evolving the understanding of different shades and genres of Arabic poetry, important trends and distinguished characteristics with its pioneers besides familiarity with relation of modern poetry to human life
21	MAAR402CCT	INDIAN ARABIC LITERATURE	The course is designed to result in introduction to notable Indian Arabic poets and writers along with specimens of Arabic legacy both in prose and poetry
22	MAAR403CCT	FUNDAMENTALS OF RESEARCH	The course is designed to result in expertise in writing research papers according to prescribed rules and accepted styles besides exposure to research methodology, punctuation, principles of dictation and capability to edit manuscripts
23	MAAR401DST	TRANSLATION AND NEWS WRITING	The course is designed to result in capability of preparing news of different kinds besides acquaintance with journalistic terminologies
24	MAAR402DST	TRANSLATION AND INTERPRETATION	The course is designed to result in command over Arabic dialogue and conversation on various topic besides capability of interpretation and running translation

25	MAAR403DST	ARAB DIASPORA LITERATURE	The course is designed to result in acquaintance with modern Arabic literature, its personalities and their important works besides literary shades and different western views that impacted Arabic literature through Diaspora writers
26	MAAR401GET	BASIC ARABIC SPEAKING	The course is designed to result in ability to communicate and express in smooth Arabic

Ph.D. Programme Outcomes

Scholars shall make contribution to the existing body of knowledge. The contribution shall be in the form of:

1) Discovering new dimensions of learning language and literature
2) Solving problems of the issues related to language, literature, culture and society
3) Reviewing the existing fields of discipline by discovering or establishing new perspectives
4) Bringing new perspectives through interdisciplinary approach to the established disciplines
5) Studying and analyzing literary texts or language texts and contextualizing them to the present times for the benefit of the society
6) Demonstrating knowledge of the best practices, regarding research and documentation of research
7) Carrying out research activities ethically
8) Participating in Conferences/seminars and demonstrating knowledge of research skills, presentation skills, critical and analytical skills
9) Demonstrating high level of proficiency in language /literary research
10) Conducting research independently and supervising any study that leads to substantial original thesis
11) Theorizing any form of composition
12) Applying interdisciplinary approach to the field of research undertaken for study

Ph.D. Programme Specific Outcomes (For Language Students)

The Scholars shall be able to

1) Advance existing methods of Arabic language teaching

2) Introduce new methods of teaching Arabic for Non Arab students

3) Demonstrate high level of proficiency in language research

4) Teach Arabic courses at under-graduate and post-graduate levels

Ph.D. Programme Specific Outcomes (for Literature Students)

The scholars shall be able to

1) Demonstrate an appreciation for both classical and modern Arabic literature

2) Demonstrate mastery of the discipline by tracing Indian Arabic literature, its development, advancement and current literary studies, rhetoric, etc.

3) Demonstrate critical skills in the interpretation and evaluation of literature

4) Participate in the profession of literary activities through seminars, conferences, publications and memberships

Ph. D. Arabic Course Outcomes

S. No.	Paper Code	Paper Name	Outcomes
1	PHAR101CCT	RESEARCH METHODOLOGY	The course is designed to result in developing necessary qualities and skills in writing research papers and dissertations according to prescribe rules and accepted styles along with command over editing manuscripts
2	PHAR102CCT	LITERARY CRITICISM	The course is designed to result in command over understanding essential principles of classical and modern literary criticism, acquaintance with distinguished critiques, prominent trends and important sources besides capability to evaluate literary works relying upon elements of criticism avoiding random judgment
3	PHAR101DST	ARABIC LITERATURE IN INDIA	The course is designed to result in introduction to notable specimens of Indian Arabic legacy in addition to exposure to distinguished Indian poets

S. No.		Paper Code	Paper Name	Outcomes
4		PHAR102DST	ARABIC POETRY	The course is designed to result in acquaintance with the issues of classical Arabic poetry, modern schools, trends and poets besides familiarity with Arab societies and thoughts through ages
5		PHAR103DST	LITERARY TRENDS IN MODERN ARABIC LITERATURE	The course is designed to result in command over contemporary trends of Arabic literature, ability to understand reasons and motives behind these trends and their impact upon Arabic literature
6		PHAR104DST	MODERN ARABIC FICTION	The course is designed to result in evolving capability of understanding new trends of Arabic literature as well as understanding new styles and various trends of Arabic fiction

Certificate of Proficiency in Arabic Programme Outcomes

1) Certificate of Proficiency in Arabic Programme prepares students to get introduced to Arabic reading and writing with the usage of Arabic grammar

Further, the students shall be able to:

2) Demonstrate knowledge of elementary stage of conversation

3) Demonstrate familiarity with translation

Certificate of Proficiency in Arabic Course Outcomes

S. No.	Paper Code	Paper Name	Outcomes
1	CEAR101CCT	TEXT AND TRANSLATION	The course is designed to result in introduction to Arabic text and their vocabulary along with elementary translation
2	CEAR10RCCT	ELEMENTARY GRAMMAR	The course is designed to result in familiarity with the usage of Arabic grammar in simple sentences and text

Diploma in Arabic Programme Outcomes

1) Diploma in Arabic Programme develops ability to understand Arabic text with introduction to the traditional Arabic sources

Further, the students shall be able to:

2) Demonstrate understanding and conversation on daily affairs

3) Demonstrate skills in referring to dictionaries

Diploma in Arabic Course Outcomes

S. No.	Paper Code	Paper Name	Outcomes
1	DPAR101CCT	TEXT & CONVEERSATION	The course is designed to result in introduction to Arabic text and usage of vocabulary required in daily affairs
2	DPAR102CCT	GRAMMER & PHONETICS	The course is designed to result in command over correct reading and formation of simple sentences
3	DPAR201CCT	SELECTED LITERARY TEXTS AND CONVERSATION	The course is designed to result in expertise in understanding literary texts and explaining them
4	DPAR202CCT	COMPOSITION AND TRANSLATON	The course is designed to result in ability to write simple essays and translation of normal sentences

Advance Diploma in Modern Arabic Programme Outcomes

1) Advance Diploma in Modern Arabic Programme develops ability to serve professional requirements of Arabic sphere, such as handling issues related to Human Resource management, trade and commerce, social dealings in Arabic.

Further, the students shall be able to:

2) Demonstrate understanding and discussion on current scenario and situation

3) Demonstrate analytical skills in the evaluation of social, cultural and political matters

Advance Diploma in Modern Arabic Course Outcomes

S. No.	Paper Code	Paper Name	Outcomes
1	ADAR101CCT	TEXT & APPLIED GRAMMER	The course is designed to result in ability to explain and analyse text with command over application of grammar
2	ADAR102CCT	TRANSLATION & ORAL EXPRESSION	The course is designed to result in acquaintance with Arabic English terminologies and command over translation and conversation
3	ADAR201CCT	CORRESPONDENCE, APPLICATION WRITING AND PREPARING JOURNALIST REPORTS	The course is designed to result in expertise in letter and application writing in Arabic besides journalistic style of report preparation
4	ADAR202CCT	TRANSLATION OF TEXTS, CERTIFICATES AND TECHNICAL TERMS	The course is designed to result in expertise in translation of various certificates, letters and applications into Arabic besides command over medical and legal terminologies with their usage.

Department of CS & IT

B.Tech (Computer Science)

Programme Outcomes

The students are expected to develop the ability to
1. Design a system to meet the desired needs in real life.
2. Apply knowledge of Mathematics, Statistics and computer science in different domains
3. Understands the Legal, Professional and Ethical Problems.
4. Recognize the importance of continuous learning
5. Application of Technical skills in multidisciplinary areas.

Programme Specific Outcomes

1. Application of fundamentals of science and mathematics to develop the algorithms in the areas of Networks, Machine learning, Data Analytics, Artificial Intellegence, Software Engineering and Multimedia.
2. Develop the construction of new Programming constructs to implement the algorithms.
3. Application of software tools for the designing of computer systems in multidisciplinary areas.
4. Adoption of advancement of technology by continuous learning.

B.Tech (Computer Science) Course outcomes

1st year 1st semester		
Course Code	**Course Title**	**Course Outcomes**
BTCS101BST	Engineering Mathematics-I	1. Bragg's Law and introduced to the principles of lasers, types of lasers and applications. 2. Various terms related to properties of materials such as, permeability, polarization, etc. 3. Some of the basic laws related to quantum mechanics as well as magnetic and dielectric properties of materials. 4. Simple quantum mechanics calculations.
BTCS102BST	Engineering Physics	1. To apply differential and integral calculus to notions of curvature and to improper integrals. Apart from various applications, they will have a basic understanding of Beta and Gamma functions. 2. The essential tools of matrices and linear algebra including linear

Course Code	Course Title	Course Outcomes
		transformations, eigenvalues, diagonalization and orthogonalization.
BTCS101EST	Basic Electrical Engineering	1. To understand and analyze basic electric and magnetic circuits. 2. To study the working principles of electrical machines and power converters. 3. To introduce the components of low voltage electrical installations.
BTCS111EST	Engineering Graphics & Design	1. Introduction to engineering design and its place in society. 2. Exposure to the visual aspects of engineering design. 3. Exposure to engineering graphics standards. 4. Exposure to solid modeling.
BTCS150BSP	Engineering Physics Lab.	1. Learn basic properties and characteristics of light, Double slit and triple slit interference, Newton's rings, interference in thin films. 2. Understand the working principle of LASER, laser action, population inversion, Einstein coefficient elementary laser types and applications of LASER. 3. Understand magnetic field and forces, electric field and usage of quantum theory.
BTCS150ESP	Basic Electrical Engineering Lab	1. Get an exposure to common electrical components and their ratings. 2. Make electrical connections by wires of appropriate ratings. 3. Understand the usage of common electrical measuring instruments. 4. Understand the basic characteristics of transformers and electrical machines. 5. Get an exposure to the working of power electronic converters.

1st year 2nd semester		
Course Code	**Course Title**	**Course Outcomes**
BTCS201BST	Engineering Mathematics – II	1. The ideas of probability and random variables and various discrete and continuous probability distributions and their properties. 2. The basic ideas of statistics including measures of central tendency, correlation and regression. 3. The statistical methods of studying data samples.
BTCS211BST	Engineering Chemistry	1. The knowledge of atomic, molecular and electronic changes, band theory related to conductivity.

		2. The required principles and concepts of electrochemistry, corrosion and in understanding the problem of water and its treatments. 3. The knowledge of configurational and conformational analysis of molecules and reaction mechanisms. 4. The required skills to get clear concepts on basic spectroscopy and application to medical and other fields.
BTCS211EST	Programming for Problem Solving	1. The student would acquire various problem solving techniques and implement them in 'C' language. 2. Understand the basic terminology used in computer programming and write, compile and debug programs in C language. 3. Develop programs involving decision structures, loops and functions using different data types and data structures.
BTCS211HST	English Communication	1. Read and write paragraphs in English confidently & Differentiate among homonyms, homophones, synonyms and antonyms. 2. Read and write the specific details and information such as writing applications, formal letters, CVs, technical reports and project reports. 3. Communicate with more confident among students, teachers & other stakeholders of the society.
BTCS212EST	Engineering Mechanics	1. Use scalar and vector analytical techniques for analysing forces in statically determinate structures. 2. Apply fundamental concepts of kinematics and kinetics of particles to the analysis of simple, practical problems 3. Apply basic knowledge of maths and physics to solve real-world problems 4. Understand measurement error, and propagation of error in processed data 5. Understand basic kinematics concepts – displacement, velocity and acceleration (and their angular counterparts); 6. Understand basic dynamics concepts – force, momentum, work and energy; 7. Understand and be able to apply Newton's laws of motion; 8. Understand and be able to apply other basic dynamics concepts - the Work-Energy principle, Impulse-Momentum principle and the coefficient of restitution.
BTCS260BSP	Engineering Chemistry Lab.	1. The students will be outfitted with hands-on knowledge in the quantitative chemical analysis of water quality related parameters. 2. The students will be conversant with hands-on knowledge in the quantitative chemical analysis of water quality related parameters, corrosion measurement and cement analysis 3. Gain acquaintance in the determination the amount of hardness and

Course Code	Course Title	Course Outcomes
		chloride in the various samples of water for general purpose and their use it industries involving boilers. 4. Skills in estimating acidity/alkalinity in given water samples.
BTCS260ESP	Basic Programming Lab	1. The student would acquire various problem solving techniques and will be able to implement them in 'C' language. 2. Understand the basic terminology used in computer programming and write, compile and debug programs in C language. 3. Develop programs involving decision structures, loops and functions using different data types and data structures & Understand difference between call by value and call by reference.
BTCS251ESP	Engineering workshop	1. Upon completion of this laboratory course, students will be able to fabricate components with their own hands. 2. They will also get practical knowledge of the dimensional accuracies and dimensional tolerances possible with different manufacturing processes. 3. By assembling different components, they will be able to produce small devices of their interest.
BTCS260HSP	English Communication LAB	1. Student will be able to understand, comprehend and analyse the professional and soft communication skills 2. Learn the perfection of understanding in English language. 3. Can read, write and communicate effectively in English.

2nd year 1st semester		
Course Code	**Course Title**	**Course Outcomes**
BTCS311EST	Analog Electronic Circuits	Understand the characteristics of transistors. Design and analyse various rectifier and amplifier circuits. Design sinusoidal and non-sinusoidal oscillators. Understand the functioning of OP-AMP and design OP-AMP based circuits.
BTCS311PCT	Data structure & Algorithms	1. For a given algorithm student will able to analyze the algorithms to determine the time and computation complexity and justify the correctness. 2. For a given Search problem (Linear Search and Binary Search) student will able to implement it. 3. For a given problem of Stacks, Queues and linked list student willable to implement it and analyze the same to determine the time andcomputation complexity. 4. Student will able to write an algorithm Selection Sort, Bubble Sort, Insertion Sort, Quick Sort, Merge Sort, Heap Sort and compare their

		performance in term of Space and Time complexity.
BTCS312PCT	Digital Electronics	1. Implement working of logic families and logic gates.
		2. Design and implement Combinational and Sequential logic circuits.
		3. Understand the process of Analog to Digital conversion and Digital to Analog conversion.
		4. Be able to use PLDs to implement the given logical problem.
BTCS311BST	Engineering Mathematics-III	1. Demonstrate the ability to solve problems using Ordinary and Partial differential equations, Laplace transformation and Numerical analysis
		2. Learn the overview of differential equations and use of equations reducible to exact form using Integrating factors
		- Linear, Bernoulli 's equations
		3. Learn the applications to Newton's Law of Cooling – Law of natural growth and decay
BTCS311HST	Technology & Society	Course Outcomes:
		1. Able to analyze the scientific debates and ethical concerns of such issues as global warming, biotechnology, GMO
		foods, healthcare, innovation, and economic competitiveness
		2. Able to articulate ways in which society is transformed by science and technology
		3. Able to integrate, synthesize, and apply knowledge of the relationship between science and technology and societal issues in both focused and broad interdisciplinary contexts
BTCS360ESP	Analog Electronic Circuits LAB	1. An ability to design and conduct experiments on amplifiers, oscillators and multivibrators
		2. An ability to use the techniques, skills and modern engineering tools of electronic circuits for engineering practice
BTCS360PCP	Data structure & Algorithms LAB	1. To design and analyze the time and space efficiency of the data structure and algorithms.
		2. To implement the appropriate data structure for given problem and algorithms.
		3. To Design and analyze data structure and algorithms
BTCS361PCP	Digital Electronics LAB	1. Deign Logic circuit for a given Boolean Expression
		2. Design Logic circuit by using Universal gates
		3. Design Combinational circuits
		4. Design Flip Flops
BTCS362PCP	IT Workshop Python	1. Implement scripting and the contributions of scripting languages.
		2. Apply Python especially the object-oriented concepts,
		3. Implement built-in objects of Python,

2nd year 2nd semester		
Course Code	**Course Title**	**Course Outcomes**
BTCS411PCT	Discrete Mathematics	1. Construct Well-formed formulas, Truth Tables, tautology, equivalence implication, Normal forms, Quantifiers, universal quantifiers. 2. Perform operations on set theory, mathematical objects, operations, and resulting properties 3. Perform the application of logic to analysing and writing proofs, techniques for counting, permutations and combinations and apply the concepts of Graphs, DFS, BFS, Spanning Trees, and Planar Graphs. Graph Theory and ot her en gin eerin g a pplications
BTCS402PCT	Database Management Systems	1. Apply relational database theory, and be able to write relational algebra expressions for queries, logical design of databases, including the E-R method and normalization approach. 2. Apply and analyze the database storage structures and access techniques like file and page organizations, indexing methods including B-tree, hashing, query evaluation techniques and and query optimization. 3. Understand various issues of transaction processing and concurrency control by designing and development of a database application system as part of a team.
BTCS403PCT	Operating Systems	1. Demonstrate how to manage multiple tasks that execute at the same time and share resources including processes and threads, context switching, synchronization, schedule CPU time, and deadlock. 2. Design, implement and evaluate a computer-based system, process, components, or program to meet desired needs in context of operating system 3. Identify the System calls, protection, interrupts and know Input/output, disk access, file systems facilities.
BTCS412PCT	Object Oriented Programming	1. Understand the principles of object oriented programming paradigm specifically including abstraction, encapsulation, inheritance and polymorphism. 2. Demonstrate best practices in designing classes and class hierarchies from problem statements using sub- classing, abstract classes, and interfaces to achieve polymorphism in object oriented software. 3. Demonstrate informed use of encapsulation within and across software components and packages & Apply exception handling, generation and escalation mechanisms and practices in writing Java programs.
BTC413PCT	Software	1. To apply software engineering theory, principles, tools and

Course Code	Course Title	Course outcomes
	Engineering	processes, as well as the theory and principles of computer science and mathematics, to the development and maintenance of complex software systems. 2. To verify and validate various software prototypes and to develop quality software metrics. 3. To Design and test specific software requirements through a productive working relationship with project stakeholders.
BTCS450PCP	Database Management Systems LAB	1. Understand the relational database theory, and be able to write relational algebra expressions for queries, logical design of databases, including the E-R method and normalization approach. 2. Illustrate commercial relational database system by writing SQL. 3. Understand and analyze the database storage structures and access techniques like file and page organizations, indexing methods including B-tree, hashing, query evaluation techniques and and query optimization.
BTCS460PCP	Operating Systems LAB	1. Ability to develop application programs using system calls in UNIX. 2. Ability to implement interprocess communication between two processes. 3. Ability to design and solve synchronization problems.
BTCS461PCP	Object Oriented Programming LAB	1. Understand the principles of object oriented programming paradigm specifically including abstraction, encapsulation, inheritance and polymorphism. 2. Demonstrate informed use of encapsulation within and across software components and packages & Apply exception handling, generation and escalation mechanisms and practices in writing Java programs. 3. Describe and explain the factors that contribute to a good object oriented solution, reflecting on your own experiences and drawing upon accepted good practices.
BTCS411HST	Environmental Sciences	1. Develop the mechanism to control and measures of air pollution, water pollution, soil pollution, noise pollution, thermal pollution and solid waste management. 2. Apply the Environment Protection Act, in order to handle disaster management and enforcement of environmental legislation. 3. Understand the working principles of disaster mitigation, disaster management cycle, and disaster management in India

3rd year 1st semester		
Course Code	**Course Title**	**Course outcomes**
BTCS511PCT	Computer	1. Apply and analyze computer organization, computer arithmetic,

	Organization	and CPU design & Understand I/O system and interconnection structures of computer
		2. Design and analyze different interrupts, I/O techniques, PLDs and memory organization
		3. Implement learning skills and be able to develop different hardware for computer organization
BTCS512PCT	Formal Language & Automata Theory	1. Demonstrate the understanding of abstract models of computing, including deterministic (DFA), non- deterministic (NFA), and Turing (TM) machine models.
		2. Demonstrate an understanding of regular expressions and grammars, including context-free and context-sensitive grammars.
		3. Understand the relationships between language classes, including regular, context-free, context-sensitive, recursive, and recursively enumerable languages.
BTCS503PCT	Design & Analysis of Algorithms	1. Analyze a given algorithm and express its time and space complexities in asymptotic notations.
		2. Solve recurrence equations using Iteration Method, Recurrence Tree Method and Master's Theorem.
		3. Design algorithms using Divide and Conquer Strategy.
		4. Compare Dynamic Programming and Divide and Conquer Strategies.
		5. Solve Optimization problems using Greedy strategy.
		6. Design efficient algorithms using Back Tracking and Branch Bound Techniques for solving problems.
		7. Classify computational problems into P, NP, NP-Hard and NP-Complete.
		8. To understanding about writing algorithms and step by step approach in solving problems with the help of data structures.
BTCS511HST	Organizational Behaviour	1. Demonstrate the applicability of the concept of organizational behavior
		2. Demonstrate the applicability of analyzing the complexities associated with management of individual behavior in the organization.
		3. Analyze the complexities associated with management of the group behavior in the organization.
		4. Demonstrate how the organizational behavior can integrate in understanding the motivation (why) behind behavior of people in the organization..
BTCS512HST	History of Sciences &	1. Recognize the development of Science Beginning and their achievement

	Technology in India	2. Assess the growth of engineering in ancient India. 3. Find the significance of metallurgy in ancient India;
BTCS511PET	Elective-I Principles of Programming Languages	1. Ability to express syntax and semantics in formal notation. 2. Ability to apply suitable programming paradigm for the application. 3. Gain knowledge and comparison of the features programming languages.
BTCS560PCP	Design & Analysis of Algorithms LAB	After successful completion of course student shall be able to: 1. Implement various data structures (viz. Stacks, Queues, Linked Lists, Trees, Graphs) and algorithms like Greedy, Dynamic, Divide & Conquer etc. 2. Analyze step by step and develop algorithms to solve real world problems. 3. Use and implement appropriate algorithms for the required problems using a programming language
BTCS511NCT	Constitution of India	1. Practice the moral values that ought to guide the Engineering profession. 2 Know the definitions of risk and safety also discover different factors that affect the perception of risk 3. Appreciate the Ethical issues and Know the code of ethics adopted in various professional body's and industries 4. Justify the need for protection of human rights and to know about concept of women empowerment

3rd year 2nd semester		
Course Code	**Course Title**	**Course outcomes**
BTCS611PCT	Complier Design	1. For a given grammar specification develop the lexical analyser 2. For a given parser specification design top-down and bottom-up parsers 3. Develop syntax directed translation schemes 4. Develop algorithms to generate code for a target machine

BTCS612PCT	Computer Networks	1. Apply the different Networking sub-systems and their functions in a telecommunication system. 2. Implement and configure the different types of Networks topologies and protocols. 3. Demonstrate Understand the different protocols layers of the OSI model & TCP/IP
BTCS611PET	Elective-II Data Mining	1. Design a data warehouse or data mart to present information needed by the manager and can be utilized for managing clients. 2. Design and implement a quality data warehouse or data mart effectively and administer the data resources in such a way that it will truly meet management's requirements. 3. Evaluate standards and new technologies to determine their potential impact on your information resource for a large complex data warehouse/data mart.
BTCS6152PET	Elective-III Computer Graphics	1. Demonstrate geometrical transformations (2-D/3-D) with the relevant mathematics of computer graphics, e.g., 3D rotations using both vector algebra, geometrical transformations and projections using homogeneous co- ordinations system 2. Apply principles and techniques of computer graphics, e.g., the graphics pipeline, and Brenham algorithm for speedy line and circle generation. 3. Apply computer graphics concepts in the development of computer games, information visualization, and business applications.
BTCS613GET	Open Elective-I Cyber Law and Cyber Security	Awareness of cyber laws, ethics , responsible for handling the cyber security issues pertaining to varied domains and dealing in forensics diligently
BTCS660PCP	Complier Design LAB	1. For a given grammar specification develop the program for lexical analyser 2. For a given parser specification develop the program for top-down and bottom-up parsers 3. Develop program for syntax directed translation scheme 4. Develop algorithms to generate code for a target machine
BTCS661PCP	Computer Networks LAB	1. Apply the encryption and decryption concepts in Linux environment 2. Ability to apply appropriate algorithm for the finding of shortest route. 3. Ability to configure the routing table
BTCS662PCP	Project-1	1. Interpret literature with the purpose of formulating a project proposal Planning, analyzing, designing and implementing a

| | | software project using SDLC model.
2. Finding the solution of identified problem with help of modern technology Giving priority to real life problem
3. Learning to work as a team and to focus on getting a working project done within a stipulated period of time. |

4th year 1st semester		
Course Code	**Course Title**	**Course outcomes**
BTCS711PET	Elective-IV Artificial Intelligence	1. Understand the principles of problem solving and be able to apply them successfully. 2. Be familiar with techniques for computer-based representation and manipulation of complex information, knowledge, and uncertainty. 3. Gain awareness of several advanced AI applications and topics such as intelligent agents, planning and scheduling, machine learning, etc.
BTCS715PET	Elective-V Internet of Things	1. Have knowledge of Internet of things, its architecture. 2. Have knowledge of Python and IoT tools. 3. Have knowledge of various interoperability challenges in IoT.
BTCS715GET	Open Elective-II Intellectual Property rights	1. Students will learn the basic concepts of Intellectual property, laws to the students for first time and familiarize them with the kind of rights, remedies. 2. Students get familiarize about licensing regime associated with each kind of intellectual property so that students can have a basic understanding of Intellectual Property laws.
BTCS760PCP	Project-II	1. Interpret literature with the purpose of formulating a project proposal Planning, analyzing, designing and implementing a software project using SDLC model. 2. Finding the solution of identified problem with help of modern technology Giving priority to real life problem 3. Learning to work as a team and to focus on getting a working project done within a stipulated period of time.

4th year 2nd semester		
Course Code	**Course Title**	**Course outcomes**
BTCS811PET	Elective-VI	1. Understand Basics of Image formation and transformation using

		sampling and quantization.
	Image processing	2. Understand different types signal processing techniques used for image sharpening and smoothing.
		3. Perform and apply compression and coding techniques used for image data.
BTCS812PET	Elective-VII Cloud Computing	1. Apply any one Cloud Computing simulation toolkit such as Eucalyptus - Nimbus - Open Nebula, CloudSim for coud services
		2. Understand cloud computing services and models and role of Virtualization, Grids and cluster
		3. Understand Cloud Security Challenges and Risks – Software-as-a-Service Security – Security Governance and Risk Management
BTCS819PET	Elective-VIII Cryptography and Network Secutity.	1. Examine and analyze the difference between stenography and cryptographic techniques, various public and private key algorithms like RSA, Digital signature, protocols like transport-layer concepts: Transport-Layer services -Reliable vs. un-reliable data transfer -TCP protocol
		2. Examine and analyze Networks security issues like confidentiality, integrity, availability, authentication and authorization, DoS
		3. Examine and analyze different Networks security protocol, Virus, Worms, Trozen Hoarse, Intrusion detection system , Firewall, Private virtual Networks
BTCS860PCP	Project-III	1. Interpret literature with the purpose of formulating a project proposal Planning, analyzing, designing and implementing a software project using SDLC model.
		2. Finding the solution of identified problem with help of modern technology Giving priority to real life problem
		3. Learning to work as a team and to focus on getting a working project done within a stipulated period of time.

Program: M. Tech (Computer Science)

Programme Outcomes

Program outcomes are the narrower statements that describe what students are expected to know and be able to do after M.Tech by meeting all outcomes, the Program Objectives should be attained. These relate to the skills, knowledge and behavior that students acquire from matriculation through their program. Following are the statements for POs for M.Tech post-graduates at the time of completing their degree requirements, students will be able to:

a. Apply the knowledge of Mathematics, Science, and Engineering fundamentals, and an engineering specialization to solution of complex engineering problems (**Engineering Knowledge**)

b. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (**Problem analysis**)

c. Design of solutions for complex engineering problems and design of system components or processes that meet the specified needs with appropriate considerations of public health and safety, and cultural, societal, and environmental considerations (**Design/development of solutions**)

d. Use research based methods including design of experiments, analysis and interpretation of data and synthesis of information leading to logical conclusions (**Conduct investigations of complex problems**)

e. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling complex engineering activities with an understanding of limitations (**Modern tool usage**)

f. Apply reasoning within the contextual knowledge to access societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice (**The engineer and society**)

g. Understand the impact of the professional engineering solutions in the societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable developments (**Environment and sustainability**)

h. Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice (**Ethics**)

i. Function effectively as an individual independently and as a member or leader in diverse teams, and in multidisciplinary settings (**Individual and team work**)

j. Communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation, make effective oral presentations, and give and receive clear instructions (**Communication**)

k. Demonstrate knowledge and understanding of engineering management principles and apply those to one's own work as a member and leader of a team to manage projects in

multidisciplinary environments (**Project management and finance**)

1. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change (**Life-long Learning**).

Programme Specific Outcomes

1. Application of fundamentals of science and mathematics to develop the algorithms in the areas of Networks, Machine learning, Data Analytics, Artificial Intellegence, Software Engineering and Multimedia.
2. Develop the construction of new Programming constructs to implement the algorithms.
3. Application of software tools for the designing of computer systems in multidisciplinary areas.
4. Adoption of advancement of technology by continuous learning.

M.Tech (Computer Science) Course outcomes

1st year 1st semester		
Course Code	**Course Title**	**Course Outcomes**
MTCS101PCT	Advanced Network Security	1. Have a knowledge of the threats faced by computer operating systems, applications and networks that originate from network based attacks, intrusion and misuse 2. Have a knowledge of the types of countermeasures that can be put in place in computer systems, networks, and network infrastructures to identify, reduce or prevent problems caused by network attacks or misuse 3. Be capable of making informed choices of the appropriate countermeasures that should be put in place to protect systems from network attacks or misuse and to maintain network security
MTCS102PCT	Advanced Computer Architecture	1. Will know about computer performance, instruction set architecture design and implementation 2. Will know about uniprocessor implementation alternatives (single-cycle, multiple-cycle, and pipelined implementations). 3. Understand the organisation and operation of current generation parallel computer systems, including multiprocessor and multicore systems
MTCS103PCT	Neural Networks	1. The role of neural networks in engineering, artificial intelligence, and cognitive modelling. 2. Have an understanding of the concepts and techniques of neural networks through the study of the most important neural network models. 3. Have knowledge of sufficient theoretical background to be able to reason about the behavior of neural networks.

MTCS104PCT	Distributed Databases	1. Explain the techniques used for data fragmentation, replication, and allocation during the distributed database design process. 2. Evaluate simple strategies for executing a distributed query to select the strategy that minimizes the amount of data transfer. 3. Describe distributed concurrency control based on the distinguished copy techniques and the voting methods.
MTCS101PET	Elective-I Parellel Algorithem	1. Develop message-passing parallel programs with MPI. 2. Reconstruction of emerging parallel algorithms with MPI. 3. Compare and contrast various parallel algorithms using shared memory and MPI
MTCS150PCP	Distributed Databases Lab	1. Understand the fundamentals of relational, object-oriented, and distributed database systems including: data models, database architectures, and database manipulations 2. Understand the theories and techniques in developing database applications and be able to demonstrate the ability to build databases using enterprise DBMS products such as Oracle or SQL Server. 3. Be familiar with managing database systems.
MTCS151PCP	Seminar	1. Improve oral and written communication skills. 2. Apply principles of ethics and respect in interaction with others. 3. Explore an appreciation of the self in relation to its larger diverse social and academic contexts. 4. Identify, understand and discuss current, real-world issues.
MTCS101NCT	**Tarseel-e-Urdu	1. Demonstrate deep knowledge of the target language and culture. 2. Communicate effectively in both native and target languages. 3. Adapt to unfamiliar environments and situations. 4. Engage effectively with others from diverse cultural backgrounds. 5. Think analytically and critically and solve problems effectively.

1st year 2nd semester		
Course Code	Course Title	Course Outcomes
MTCS201PCT	Advanced Operating Systems	1. Master understanding of design issues associated with operating systems. 2. Master various process management concepts including scheduling, synchronization, and deadlocks. 3. Be familiar with various types of operating systems including UNIX.
MTCS202PCT	Data Structure and Algorithm Design	1. Basic ability to analyse algorithms and to determine algorithm correctness and time efficiency class. 2. Master a variety of advanced abstract data type (ADT) and data structures and their implementations. 3. Ability to apply and implement learned algorithm design

Course Code	Course Title	Course outcomes
		techniques and data structures to solve problems
MTCS203PCT	Distributed Systems	1. Demonstrate knowledge of the basic elements and concepts related to distributed system technologies. 2. Demonstrate knowledge of the core architectural aspects of distributed systems. 3. Design and implement distributed applications.
MTCS201PET	Elective-II Real Time Systems	1. Understand real time systems and real time operating systems. 2. Illustrate the various real time design principles. 3. Analyze the various risks associated with real time system.
MTCS211PET	Natural Language Processing	1. The students will get acquainted with natural language processing and learn how to apply basic algorithms in this field. 2. They will understand the algorithmic description of the main language levels: morphology, syntax, semantics, and pragmatics, as well as the resources of natural language data - corpora. 3. They will also grasp basics of knowledge representation, inference, and relations to the artificial intelligence.
MTCS250PCP	Data Structure and Algorithm Design Lab	1. Understand the purpose and mathematical background of algorithm analysis and be able to apply this to determine the run time and memory usage of algorithms. 2. Understand the variety of ways that linearly and weakly ordered data can be stored, accessed, and manipulated. 3. Understand the characteristics and optimal behaviour of hash tables for access and retrieval.
MTCS251PCP	Comprehensive Viva	1. Prepare comprehensively to answer questions from all the courses of two semesters. 2. Attain Oral Presentation skills by answering questions in precise and concise manner. 3. Gain confidence and inter-personal skills.

2nd year 1st semester		
Course Code	**Course Title**	**Course outcomes**
MTCS350PCD	Dissertation Part - I	1. Deeper knowledge of methods in the major subject/field of study. 2. A capability to contribute to research and development work. 3. The capability to use a holistic view to critically, independently and creatively identify, formulate and deal with complex issues. 4. The capability to plan and use adequate methods to conduct qualified tasks in given frameworks and to evaluate this work. 5. The capability to create, analyse and critically evaluate different technical/architectural solutions. 6. The capability to critically and systematically integrate knowledge.

2nd year 2nd semester		
Course Code	**Course Title**	**Course outcomes**
MTCS450PCD	Dissertation Part - II	1. The capability to create, analyse and critically evaluate different technical/architectural solutions. 2. The capability to critically and systematically integrate knowledge. 3. The capability to clearly present and discuss the conclusions as well as the knowledge and arguments that form the basis for these findings in written and spoken English. 4. The capability to identify the issues that must be addressed within the framework of the specific thesis in order to take into consideration all relevant dimensions of sustainable development. 5. A consciousness of the ethical aspects of research and development work.

Program: M. C.A (Master of Computer Applications)

Programme Outcomes

Program outcomes are the narrower statements that describe what students are expected to know and be able to do after MCA by meeting all outcomes, the Program Objectives should be attained. These relate to the skills, knowledge and behavior that students acquire from matriculation through their program. Following are the statements for POs for MCA post-graduates at the time of completing their degree requirements, students will be able to:

a. Apply the knowledge of Mathematics, Science, and Engineering fundamentals, and an engineering specialization to solution of complex engineering problems (**Engineering Knowledge)**

b. Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences (**Problem analysis**)

c. Design of solutions for complex engineering problems and design of system components or processes that meet the specified needs with appropriate considerations of public health and safety, and cultural, societal, and environmental considerations (**Design/development of solutions)**

d. Use research based methods including design of experiments, analysis and interpretation of data and synthesis of information leading to logical conclusions (**Conduct investigations of complex problems**)

e. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling complex engineering activities with an understanding of limitations (**Modern tool usage**)

f. Apply reasoning within the contextual knowledge to access societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice (**The engineer and society**)

g. Understand the impact of the professional engineering solutions in the societal and environmental contexts, and demonstrate the knowledge of, and the need for sustainable developments (**Environment and sustainability**)

h. Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice (**Ethics**)

i. Function effectively as an individual independently and as a member or leader in diverse teams, and in multidisciplinary settings (**Individual and team work**)

j. Communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation, make effective oral presentations, and give and receive clear instructions (**Communication**)

k. Demonstrate knowledge and understanding of engineering management principles and apply those to one's own work as a member and leader of a team to manage projects in

multidisciplinary environments (**Project management and finance**)

l. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change (**Life-long Learning**).

Programme Specific Outcomes

1. Application of fundamentals of science and mathematics to develop the algorithms in the areas of Networks, Machine learning, Data Analytics, Artificial Intellegence, Software Engineering and Multimedia.
2. Develop the construction of new Programming constructs to implement the algorithms.
3. Application of software tools for the designing of computer systems in multidisciplinary areas.
4. Adoption of advancement of technology by continuous learning.

M.C.A (Master of Computer Applications) Course outcomes

CODE	COURSE TITLE	COURSE OUTCOME
MMCA101BST	Probability & Statistics	1. To improve the data analytical skills. 2. To manage the events with the help of permutations, 3. Combinations and space samples. To test the Hypothesis and Data interpretation.
MMCA101PCT	Mathematical Foundation of Computer Science	1. Understand the complexity of computational problems 2. Think about the design of formal language which would be able to address any real time problem 3. Improve the working flow of computational models.
MMCA102PCT	Programming with C	1. Write a code for an Algorithm 2. Understand the flow of data and instructions in programming 3. Minimize the code , memory space and time after using data structure and pointers
MMCA103PCT	E-Commerce	1. Take decision as quick as possible in business environment. Promote the Digital World to make secure digital transactions. 2. File the various time of taxes and bills such as income tax, sell tax, eclectic bill, phone bill etc. 3. Aware about the used technology and security issues with any transaction.
MMCA101HST	English Language Communication Skills	1. Speak, Read English Language 2. Write the English Language 3. Present yourself, your view, idea and argument politely.
MMCA101NCT	**Tarseel-e-Urdu	1. Speak, Read 2. Write the Urdu Language

		3. Present yourself, your view idea and argument politely.
MMCA150PCP	Computer Programming Using C	1. Understand the constraints of cyber law and security concern. 2. Understand the importance of information security and how can manage the security of network as well as data. 3. Know the working of security models and applied algorithms.
MMCA151PCP	PC Software	1. Use the MS Office Suits and its services. 2. Write resume 3. Make presentation
II semester		
MMCA201PCT	Computer System Architecture	1. Understand the processing of Computer. 2. Know the function of Memory and its types. 3. Know about the function and organization of Input Output devices
MMCA202PCT	Object Oriented Programming Using C++	1. Create object in a class and its utilization. 2. Optimize the programming code with the help of Object oriented approach such as Abstraction, Inheritance and Polymorphism etc. 3. Design class diagram to understand the flow of data and instructions
MMCA203PCT	Data Structures	1. To write the code for a large program after overcoming the time and space complexity. 2. Frequent use of various algorithms such as searching, sorting, traversing with data structures. 3. Define the data in an optimal way
MMCA204PCT	Operating Systems	1. Exhibit familiarity with the fundamental concepts of operating systems. 2. Apply a mature understanding of operating system design and how it impacts application systems design and performance. 3. Exhibit competence in recognizing operating systems features and issues.
Elective-I : MMCA201PET-MMCA205PET		1. Understand the constraints of cyber law and security concern. 2. Understand the importance of information security and how can manage the security of network as well as data. 3. Know the working of security models and applied algorithms.
MMCA250PCP	OOPS Using C++ Lab	1. Create object in a class and its utilization. 2. Optimize the programming code with the help of Object oriented approach such as Abstraction, Inheritance and Polymorphism etc. 3. Before writing the code can design class diagram to understand the flow of data and instructions.

MMCA251PCP	Data structures Using C Lab	1. Write the code for a large program after overcoming the time and space complexity. 2. Frequent use of various algorithms such as searching, sorting, traversing with data structures. 3. Define the data in an optimal way.
MMCA301PCT	Data Base Management System	1. Take an English language description and convert it into a working database application. 2. Create E/R models from application descriptions. 3. Create databases in an RDBMS and enforce data integrity constraints using SQL and database queries using SQL
MMCA302PCT	Analysis & Design of Algorithms	1. Demonstrate the worst-case time complexity of an algorithm is defined; Compare the efficiency of algorithms using asymptotic complexity; 2. Design efficient algorithms using standard algorithm design techniques. 3. Demonstrate a number of standard algorithms for problems in fundamental areas in computer science and engineering such as sorting, searching, and problems involving graphs.
MMCA303PCT	Computer Networks	1. To understand the computer networks and concentrates on building a firm foundation 2. To provide the fundamental knowledge of the various aspects of computer networking 3. To appreciate recent developments in the area.
MMCA304PCT	Java Programming	1. Design, create, build, and debug Java applications and applets. 2. Write Java programs using object-oriented programming techniques including classes, objects, methods, instance variables, composition, inheritance, and polymorphism. 3. Write programs using graphical user interface (GUI) components and Java's Event Handling Model.
Elective-II : MMCA301PET-MMCA305PET		1. Understand the characteristics and limitations of mobile hardware devices including their user-interface modalities. 2. Develop applications that are mobile-device specific and demonstrate current practice in mobile computing contexts. 3. Design and development of context-aware solutions for mobile devices
MMCA350PCP	DBMS LAB	1. Understand the relational database theory, and be able to write relational algebra expressions for queries, logical design of databases, including the E-R method and normalization approach. 2. Illustrate commercial relational database system by writing SQL. 3. Understand and analyze the database storage structures

		and access techniques like file and page organizations, indexing methods including B-tree, hashing, query evaluation techniques and and query optimization
MMCA351PCP	Java Programming LAB	1. Able to write programs for solving real world problems using java collection framework. 2. Able to write programs using abstract classes. 3. Able to write multithreaded programs
MMCA401PCT	Software Engineering	1. Understands the process tube followed in the software development life cycle Find practical solutions to the problems 2. solve specific problems alone or in teams 3. manage a project from beginning to end
MMCA402PCT	Data Warehousing and Data Mining	1. Discuss the role of data warehousing and enterprise intelligence in industry and government. 2. Summaries the dominant data warehousing architectures and their support for quality attributes. 3. Recognize and describe at least three computational approaches to data clustering, taking cognizance of the contribution of paradigms from the fields of Artificial Intelligence and Machine learning.
MMCA403PCT	Formal Language & Automata Theory	1. Understand what can be computed and how fast it can be done? 2. Understand the Use of Automata 3. Use of Language theory in the development of different modules of a compiler as a case study.
MMCA404PCT	Computer Graphics	1. Create interactive graphics applications in C++ using one or more graphics application programming interfaces. 2. Write programs that demonstrate computer graphics animation. 3. Write programs that demonstrate 2D image processing techniques
Elective-III: MMCA401PET-MMCA405PET		1. Apply software testing knowledge and engineering methods. 2. Analyze different approaches to software testing and quality assurance, and select optimal solutions for different situations and projects; 3. Evaluate the work of peers constructively by following proven methods of peer-review, and by using the principles of ethics.
MMCA450PCP	UML LAB	
MMCA451PCP	Linux Programming LAB	1. Ability to understand the Linux environment. 2. Ability to perform the file management and multiple tasks using shell scripts in Linux environment
MMCA501PCT	Cloud Computing and Virtualization	1. Identify the architecture, infrastructure and delivery models of cloud computing 2. Apply suitable virtualization concept. 3. Design Cloud Services and Set a private cloud

MMCA502PCT	Web Technology	1. Develop project management skills related to web development, such as: 2. Develop the ability to communicate effectively to a wide variety of audiences, verbally, in writing, and electronically by: 3. Demonstrate technical skills required of Web Developers through use of W3C standards
MMCA503PCT	Cryptography & Network Security	1. Examine and analyze the difference between stagnography and cryptographic techniques, various public and private key algorithms like RSA, Digital signature, protocols like transport-layer concepts: Transport-Layer services -Reliable vs. un-reliable data transfer -TCP protocol 2. Examine and analyze network security issues like confidentiality, integrity, availability, authentication and authorization, DoS. 3. Examine and analyze different network security protocol, Virues, Worms, Trozen Hoarse, Intrusion detection system , Firewall, Private virtual network
MMCA504PCT	Artificial Intelligence	1. Demonstrate an understanding of various searching algorithms commonly used in artificial intelligence software. 2. Demonstrate an understanding of adversarial search and game-playing agents. 3. Demonstrate an understanding of logic-based agents.
Elective-IV: MMCA501PET-MMCA505PET		1. Independently understand basic computer network technology. 2. Understand and building the skills of sub netting and routing mechanisms. 3. Familiar with the basic protocols of computer networks, and how they can be used to assist in network design and implementation.
MMCA550PCP	Web Technology LAB	1. Analyze a web page and identify its elements and attributes. 2. Create web pages using XHTML and Cascading Style Sheets. 3. Build dynamic web pages using JavaScript (Client side programming). 4. Create XML documents and Schemas
MMCA551PCP	Artificial Intelligence LAB	1. Apply various AI search algorithms (uninformed, informed, heuristic, constraint satisfaction,) 2. Understand the fundamentals of knowledge representation, inference and theorem proving using AI tools Demonstrate working knowledge of reasoning in the presence of incomplete and/or uncertain information 3. Ability to apply knowledge representation, reasoning, and machine learning techniques to real-world problems
MMCA650PCP	Project	1. Interpret literature with the purpose of formulating a

MMCA651PCP		project proposal 2. Planning, analyzing, designing and implementing a software project using SDLC model. 3. Finding the solution of identified problem with help of modern technology 4. Giving priority to real life problem Learning to work as a team and to focus on getting a working project done within a stipulated period of time.
	Seminar	5. Improve oral and written communication skills. 6. Apply principles of ethics and respect in interaction with others. 7. Explore an appreciation of the self in relation to its larger diverse social and academic contexts. 8. Identify, understand and discuss current, real-world issues.

Program: Ph. D (Computer Science)

Programme Outcomes

1. Critically apply theories, methodologies, and knowledge to address fundamental questions in their primary area of study. (Research, Critical Thinking, Content Knowledge)
2. Pursue research of significance in the discipline or an interdisciplinary or creative project. Students plan and conduct this research or implement this project under the guidance of an advisor while developing the intellectual independence that typifies true scholarship. (Research, Critical and Creative Thinking)
3. Demonstrate skills in oral and written communication sufficient to publish and present work in their field and to prepare grant proposals. (Communication)
4. Follow the principles of ethics in their field and in academia. (Ethics)
5. Demonstrate, through service, the value of their discipline to the academy and community at large. (Service, Content Knowledge)
6. Demonstrate a mastery of skills and knowledge at a level required for college and university undergraduate teaching in their discipline and assessment of student learning. (Content Knowledge, Teaching)
7. Interact productively with people from diverse backgrounds as both leaders/mentors and team members with integrity and professionalism. (Communication, Leadership)

Programme Specific Outcomes

1. Knowledge of the most advanced research in the candidate's specialisation area (Track) of Computer Science or Information Security, respectively
2. In-depth understanding of academic theory and the preparation of high-quality research pertinent to the field of study
3. Ability to select appropriate research methods and techniques suitable for the candidate's research field
4. In-depth understanding the current state of the art in the individual research area, and the ability to appropriately employ methods and existing research results in the development of new knowledge, theories and presentation of research in the individual research area

Course Code	Course Title Course Name	Course Outcome
PHCS101CCT	Research Methodology	1. The basic concepts of research and its methodologies, Identify appropriate research topics, select and define appropriate research problem and parameters 2. Prepare a project proposal (to undertake a project) 3. Organize and conduct research in a more appropriate manner, writing research report and thesis
PHCS102CCT	Software Engineerin	1. To apply software engineering theory, principles, tools and processes, as well as the theory and principles of computer science

		and mathematics, to the development and maintenance of complex software systems.
	g	2. To design and validate various software prototypes and to develop quality software metrics.
		3. To elicit, analyze and specify software requirements through a productive working relationship with project stakeholders

Electives offered by the Departments		
PHCS101DST	Advance Computer Architectur e	1. Will know about computer performance, instruction set architecture design and implementation 2. Will know about uniprocessor implementation alternatives (single-cycle, multiple-cycle, and pipelined implementations). 3. Understand the organisation and operation of current generation parallel computer systems, including multiprocessor and multicore systems.
PHCS102DST	Advance Network Security	2. Have a knowledge of the threats faced by computer operating systems, applications and networks that originate from network based attacks, intrusion and misuse 3. Have a knowledge of the types of countermeasures that can be put in place in computer systems, networks, and network infrastructures to identify, reduce or prevent problems caused by network attacks or misuse . 4. Be capable of making informed choices of the appropriate countermeasures that should be put in place to protect systems from network attacks or misuse and to maintain network security
PHCS103DST	Neural Network	1. The role of neural networks in engineering, artificial intelligence, and cognitive modeling. 2. Have an understanding of the concepts and techniques of neural networks through the study of the most important neural network models. 3. Have knowledge of sufficient theoretical background to be able to reason about the behavior of neural networks
PHCS104DST	Distributed Database	1. Explain the techniques used for data fragmentation, replication, and allocation during the distributed database design process. 2. Evaluate simple strategies for executing a distributed query to select the strategy that minimizes the amount of data transfer. 3. Describe distributed concurrency control based on the distinguished copy techniques and the voting methods
PHCS105DST	Machine Learning	1. Develop an appreciation for what is involved in learning from data. 2. How to apply a variety of learning algorithms to data. 3. How to perform evaluation of learning algorithms and model selection.
PHCS106DST	Fuzzy System	1. Identify different neural network architectures, their limitations and appropriate learning rules for each of the architectures. 2. Demonstrate knowledge and understanding of fuzzy system as they apply in engineering and science. 3. Develop models for different applications using fuzzy system and MATLAB

PHCS107DST	Advanced Operating System	1. Master understanding of design issues associated with operating systems 2. Master various process management concepts including scheduling, synchronization, deadlocks. 3. Be familiar with various types of operating systems including UNIX
PHCS108DST	Real Time System	1. Understand real time systems and real time operating systems. 2. Illustrate the various real time design principles. 3. Aanalyze the various risks associated with real time system
PHCS109DST	Software Metrics	1. To be able to lead and implement measurement plans for process and product assessment. 2. To be able to analyze data for project estimation, planning and quality control in software projects. 3. Outlines some of the plans for the future.
PHCS110DST	Software Quality Engineering	1. Describe different approaches to testing software applications Analyze specifications and identify appropriate test generation strategies. 2. Develop an appropriate test design for a given test object. 3. Evaluate the testing effort based on adequate measures
PHCS111DST	Wireless Mobile Networks	1. New trends in mobile/wireless communications networks. 2. The characteristics of mobile/wireless communication channels. 3. How to pursue research in the area of wireless communication
PHCS112DST	Nature Language Processing	1. The students will get acquainted with natural language processing and learn how to apply basic algorithms in this field. 2. They will understand the algorithmic description of the main language levels: morphology, syntax, semantics, and pragmatics, as well as the resources of natural language data - corpora. 3. They will also grasp basics of knowledge representation, inference, and relations to the artificial intelligence
PHCS113DST	Applied Cryptography	1. Learning how security problems are solved in the industry, and understanding why specific choices are made. 2. Understanding security (attacks and defenses) in complex real life systems and the role of keys, cryptographic algorithms and protocols, tamper resistant hardware and other types of countermeasures. 3. Study of entity authentication and data authentication, challenge-response.
PHCS114DST	Human Computer Interaction	1. Understand fundamental design and evaluation methodologies of human computer interaction. 2. Demonstrate knowledge of human computer interaction design concepts and related methodologies. 3. Apply theories and concepts associated with effective work design to real-world application
PHCS115DST	Bio Informatics	1. To have a basic knowledge of modern molecular biology and genomics. 2. To understand the advantages and disadvantages of different machine learning techniques in bioinformatics and how the relative merits of different approaches can be evaluated by correct benchmarking techniques. 3. To understand how theoretical approaches can be used to model and

		analyse complex biological systems
PHCS116DST	Informatio n Security and Cyber Laws	1. Understand the structure, mechanics and evolution of the Internet in the context of emerging crime threats and technological and other trends in cyberspace. 2. Evaluate the effectiveness of cyber-security, cyber-laws (e.g. the Budapest Convention) and other countermeasures against cybercrime and cyber warfare. 3. Understand the different theoretical and cross-disciplinary approaches (criminological, political, legal and information security/management).
PHCS117DST	Advanced Networks	1. Analyze the services and features of the various layers of data networks. 2. Design, calculate, and apply subnet masks and addresses to fulfill networking requirements. 3. Analyze the features and operations of various application layer protocols such as Http, DNS, and SMTP

Department of Economics

Programme Outcomes:

Programme	Outcome
B.A General	• Providing students a well-founded education in Economics • Enabling students to understand basic concepts of economics • Training them to analyze economic behavior and way of thinking • Enabling them to analyze current economic issues from an economic perspective • Providing students with the opportunity to focus on applied and policy issues in Economics

Programme Specific Outcomes:

Programme	Specific Outcome
B.A General	• The ability to write clearly expressing an economic point of view • Be exposed to alternative approaches to economic problems through exposure to coursework in allied fields. • To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics

Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
B. A	Microeconomics-I	BAEC101CCT	In this course, the students would learn how and why the above mentioned decisions are made and how they affect one another in the economy. By the end of this course, students will have a strong grasp on the major issues of microeconomics including consumer and

			producer behaviour, the nature of supply and demand and the Cost and Revenue.
	Microeconomics-II	BAEC201CCT	Upon successful completion of the course the students will be able to understand basic microeconomic terminology through defining and discussing the terminology as well as applying it to current microeconomic events; calculate microeconomic variables; use models to analyze the behaviour of individuals and firms; and analyze governmental policies and their effect on market outcomes and social well-being.
	Macroeconomics-I	BAEC301CCT	Students comprehend the meaning and importance of macroeconomics and main concepts in macroeconomics their use and applications. They develop insight on national income accounting, consumption and investment functions and multiplier effect in the economy which enable them to critically analyse the structure of particular economic system. Students also acquire knowledge about classical and Keynesian views on income and output determination.
	Macroeconomics-II	BAEC401CCT	Students will acquire knowledge about income determination in open economy along with IS-LM curve. They comprehend various approaches to money supply and theories of demand for money and their conceptual importance. Students also understand the concepts of inflation, business cycle, BoP and exchange rate and identify them as important macro economic variables.

	Mathematics for Economists	**BAEC501DST**	• Able to understand the essence of Economic theories more clearly • Capable to mathematical logic behind the economic theories • Capable to apply mathematical techniques in applied economics
	Money & Banking	**BAEC502DST**	Upon successful completion of the course, the student would be able to understand structure and function of Central Bank, Commercial Banks and issues relating to monetary policies of the country.
	Public Finance	**BAEC503DST**	• Students acquire knowledge related with basic public economic concepts like public good, merit good, structure of public expenditure, taxation, Debt, etc. • Student able to understand the importance of public budget and its constituent elements • This paper also help the students to get an insight into various Indian public finance related issues like fiscal federalism, centre state financial relation, tax reforms etc.
	Introductory Economics	**UGEC501GET**	Upon successful completion of this course, students should be able to: • Describe basic economic theories that explain economic outcomes of the aggregate economy • Recognize and analyze common economic issues which relate to individual markets and the aggregate economy • Explain economic events in individual markets and the aggregate economy using basic economic theory and tools • Outline the implications of various economic policies on individuals and on the economy • Demonstrate competence in using simple diagrams and graphs to explain economic principles and their applications.
	Statistics for Economists	**BAEC601DST**	Upon successful completion of this course students would be able to

			• Analyse and make inference about economic situations of an economy • Understand of the economy with reference to economic fundamentals • Make statistical analysis of the economic facts
	Environment and Natural Resource Economics	**BAEC602DST**	Upon successful completion of this course student should be able to: • Know the importance of natural resources, its use and conservation • Know the various concepts of environmental economics and understand the issues and challenges related with this. • Understand its measurement concepts and the analysis • Understand how decision and action affects and analyse the different policies and actions taken by the govt.
	Economic Development and Policy in India	**BAEC603DST**	Pupils comprehend various macroeconomic issues like population explosion, unemployment, inequality, inflation, poverty etc in Indian economic context and develop the capacity to critically evaluate the policies related with these issues. Students understand the role of agriculture, industry, foreign trade, etc in India's development spectrum and critically analyse the policies related with the development of these sectors.
	Indian Economic Development	**UGEC601GET**	Upon successful completion of this course students would be able to • Understand the issues and challenges of Indian economy • Know the importance of different sectors in India's economic growth and development • Application of Economic Theory in the context of India • Have exposure to Indian Economic Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions • Demonstrate competence in using

			simple diagrams and graphs to explain economic principles and their applications.
			• Understand how decisions and actions affect the economy locally, nationally and internationally.

Programme Outcomes:

Programme	Outcome
M.A Economics	• Training the students to recognize and analyse the economic problems and keeping them updated about the changes in the economy • Enabling students to become critical consumers of statistically based arguments about numerous public and private issues rather than passive recipients unable to sift through the statistics.

Programme Specific Outcomes:

Programme	Specific Outcome
B.A General	• The ability to write clearly expressing an economic point of view • Be exposed to alternative approaches to economic problems through exposure to coursework in allied fields. • To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economics
M.A Economics	• Provide valuable knowledge for making decisions in everyday life • Training them to write a research paper to demonstrate their refined writing and analytical skills

Course Outcomes:

M. A (Economics)	Microeconomic Analysis	MAEC101CCT	Upon successful completion of this course students would be able to • Understand the various concepts of Microeconomic theory. • Application of Economic Theory in the context of India

			• Have exposure to Indian Economic Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions • Demonstrate competence in using diagrams and graphs to explain economic principles and their applications. • Understand how decisions and actions affect the economy locally, nationally and internationally.
	Macroeconomic Analysis	**MAEC102CCT**	• Students comprehend different forms of national income accounting • Students able to analyse income consumption relationship and investment function • Students understand various views and theories on interest and money • Pupil critically evaluate different approaches to inflation
	History of Economic Thought	**MAEC103CCT**	Economic ideas did not evolve in isolation, but were an integral and important part of the evolution of modern social thought. Prevailing ideas of science, scientific rigour and measurement played a significant role in the shaping of economic science at each stage of its evolution. This course, tracing the history of economic thought, would enable the student to understand the evolving process of the economic discipline.
	Quantitative Methods	**MAEC101DST**	• Able to make analyses of the economic facts and draw inferences for the economic analyses • Able to use mathematical and statistical tools for economic theories • Able to draw economic interpretation from the application of quantitative tools to economic theories
	Economics of Demography	**MAEC102DST**	• Pupils make an understanding about the importance of vital statistics in

			economics
			• Students are able to analyse various theories on demography • Students able to understand the interdependence between population, environment and economic development • Students aware about the causes and consequences of migration
	International Trade & Finance	**MAEC201CCT**	Upon successful completion of this course students would be able to • Understand the Concepts, issues and challenges International trade and Finance • Know the importance of External sector in India's economic growth and development • Application of International Economic Theory in the context of India • Have exposure to Indian Economic Data and its critical analysis • Issues and challenges of Bop in the context of India • Understand and analyze different policy initiatives taken by the government and other institutions • Understand how decisions and actions affect the economy locally, nationally and internationally.
	Monetary Economics	**MAEC202CCT**	Upon successful completion of this course, the students would be able to understand Demand for Money, Supply of Money, Economic Stabilisation, Monetary Policy and Monetary Management. This course by combining a systematic discussion of the theory, institutions and policy will enhance comprehensive understandings of monetary issues with special reference to India
	Agricultural Economics	**MAEC203CCT**	• Pupil understands the relation and importance of agriculture in economic development. • Students able to thoroughly comprehend the functional

			relationship between agricultural input and output and methods to increase resource use efficiency. • Pupils understand the importance of agricultural price policy and the main functions of agricultural markets. • Students comprehend the effect of globalization and changed world economic order and rules in agriculture.
Labour Economics	**MAEC201DST**		Upon successful completion of this course students would be able to • Understand the Concepts, issues and challenges of labour and labour markets. • Have exposure to Indian labour Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions • Understand how decisions and actions affect the economy locally, nationally and internationally.
Socio-Economic Exclusion and Inclusive Policies	**MAEC202DST**		This course, tracing the history of socio-economic exclusion, would enable the students to understand the evolving processes of exclusion and inclusion in the society. They would also learn to identify the ways and means of inclusion to minimize the existing socio- economic inequalities in the society.
Health Economics	**MAEC301CCT**		• Students able to understand measures of general health status • Pupils understand the economic value of health and health care. • Students are able to understand problems and prospects of health insurance • Students able to understand measures

			of general health status
• Pupils understand the economic value of health and health care.
• Students are able to understand problems and prospects of health insurance
• Pupils comprehend economic dimensions like demand, supply and financing of health care
	Economics of Growth & Development	**MAEC302CCT**	Upon successful completion of this course students would be able to
• Understand the various concepts, issues and challenges of economic growth and development.
• Know the importance of different sectors in India's economic growth and development
• Application of Economic Theory in the context of India
• Have exposure to Indian Economic growth and development Data and its critical analysis
• Understand and analyse different policy initiatives taken by the government and other institutions
• Demonstrate competence in using diagrams and graphs to explain economic principles and their applications.
• Understand how decisions and actions affect the economy locally, nationally and internationally.
	Research Methodology	**MAEC303CCT**	This course will enable the students to understand fundamentals of applied economic research and its methodologies. After doing this course students will be able to select appropriate quantitative methodologies to conduct the study .This course will help them to identify appropriate research topics, select and define appropriate research problem and parameters, prepare a project proposal , organize and conduct research in a more appropriate manner and write a research report and thesis .This course

			will also familiarise them with basic approaches to qualitative research, case studies, in-depth interviews, focus group discussions. This course will also develop an understanding of the ethical dimensions of conducting research study in economics.
	Islamic Banking & Finance	**MAEC301DST**	This course would enable the students to understand the range of Islamic financial instruments available for investors and corporations, current practices of Islamic banks, their relationship with non-financial corporations, merits and weaknesses of Islamic finance and the scope for co-operation between conventional and Islamic financial institutions.
	Economics of Education	**MAEC302DST**	• Pupils able to comprehend importance of education as an instrument for economic growth • Students learn to do cost-benefit analysis in educational context • Pupil comprehends the importance of planning and financing in education • Learner understand the problems and policy issues in education in general and specific in Indian context
	Fundamentals of Economics	**PGEC301GET**	Upon successful completion of this course, students should be able to: • Explain the behaviour of buyers and sellers in the market using basic economic theories • Explain the role of government in influencing buyer and seller behaviour in the market • Describe basic economic theories that explain economic outcomes of the aggregate economy • State basic economic principles that influence global trading and the challenges relating to globalization • Recognize and analyze common economic issues which relate to

			- individual markets and the aggregate economy - Explain economic events in individual markets and the aggregate economy using basic economic theory and tools - Outline the implications of various economic policies on individuals and on the economy - Demonstrate competence in using simple diagrams and graphs to explain economic principles and their applications. - Appreciate how your individual decisions and actions, as a member of society, affect the economy locally, nationally and internationally.
	Indian Economic Policy	**MAEC401CCT**	- Students are able to understand the basic features of Indian economy - Students understand the status and changes in the scenario of agriculture and industry in India - Students able to understand reforms occurred in India in financial sector and fiscal policy measures - Pupils comprehend the effect of globalization and WTO in Indian economy
	Public Economics	**MAEC402CCT**	*Understand the role of the government in the dynamics of and economic system* *Understand the functions of the government from the point view of economics* *Understand the income and expenditure system of the government*
	Econometrics	**MAEC401DST**	- Understand the econometrics as a discipline distinct from mathematics and statistics - Understand the concepts of association among the variables and its application in economics

			• Able to use econometrics tools in economics
	Rural Economics	**MAEC402DST**	On successful completion of the course, the student will be able to gain insight into the socio-economic structure of rural India .They will also understand the multi-dimensional problem and their solutions through the Govt.'s initiatives on Wage employment, self-employment and entrepreneurship development – special area development programs focusing on India's rural development.
	Indian Economics	**PGEC401GET**	• Students enable to understand various features of Indian economy in detail • It helps the students to develop comprehension on issues and challenges prevailed in India economy • It helps to create critical evaluation among students about the problems and development issues of India • It helps the students to understand importance of different sectors and their contributions to Indian economy in a brief • It creates and ability to suggest solutions and policy formulae for the development of Indian Economy

Programme Outcomes:

Programme	Outcome
PhD Economics	• Effectively conceptualizing and articulating and solving complex problems based on data by using microeconomic and macroeconomic theory and statistical tools • Applying economic analysis to socio-economic problems of the economy • Understanding how to apply empirical evidence to economic

			arguments
			• Developing deeper analytical, critical, and quantitative skills in specialized areas
			• Broadening their inter-disciplinary knowledge, enhancing their understanding of the world around them both within economics and beyond.

Programme Specific Outcomes:

Programme	Specific Outcome
PhD Economics	• Using rigorous statistical analysis to investigate the economic problems of the economy • Enabling students to contribute to the development of many public policies including health care, welfare, and efforts to promote inclusive development agenda for the growth and development of the economies • Analysing economic information and developing solutions to economic problems. • Enabling students to ask whether the evidence on the desirability of a particular policy, procedure, claims about the likely future path of the economy, or many other issues is really compelling or whether it simply sounds good but falls apart upon closer inspection.

Course Outcomes:

Ph. D (Economics)	**Research Methodology**	**PHEC101CCT**	This course will enable the students to understand fundamentals of applied economic research and its methodologies. After doing this course students will be able to select appropriate quantitative methodologies to conduct the study .This course will help them to identify appropriate research topics, select and define appropriate research problem and parameters, prepare a project proposal ,

			organize and conduct research in a more appropriate manner and write a research report and thesis .This course will also familiarise them with basic approaches to qualitative research, case studies, in-depth interviews, focus group discussions. This course will also develop an understanding of the ethical dimensions of conducting research study in economics.
	Advanced Economic Theory	**PHEC102CCT**	- The course enables the students to build concepts on the new and emerging theories in the field of microeconomics - Pupil able to understand minute policy issues and new developments in macroeconomic discipline - Students develop insight on certain new models of growth and development. - Students able to understand trade related changes and issues at global level and also various public policy issues - Pupil can understand the nature, structure, growth and issues pertaining to Telangana economy.
	Financial Inclusion	**PHEC101DST**	This course will enable the students to understand the key issues linked to the whole discourse on Financial Inclusion, challenges inherent therein and initiatives taken in the country to promote financial inclusion. The course will also familiarize them with the other socially responsive and commercially viable proposition like micro finance and Islamic banking.
	Development Economics	**PHEC102DST**	After passing this course students should have knowledge about causes and contexts of economic problems and policies in connection to important development problems, like poverty, disparity, inequality, unemployment, population growth, environmental degradation and rural stagnation. They should also have awareness about present economic problems of development countries and ability to form

			independent and informed judgments and conclusions to political resolutions aimed on solution of development problems and it is hoped that the course will help students in defining topics for their doctoral research.

Department of Education & Training

Bachelor of Education (B.Ed.)

PO,PSO & CO of B.Ed Course of MANUU	
Programme Outcomes of B.Ed. Course	Students of B.Ed. will be able to do: Po1: **Critical Thinking:** Think critically and develop Judgemental skills.
	Students of B.Ed. will be able to do: Po2: **Effective Communication:** Listen, speak, read and write in urdu as well as English and make meaning of the world by connecting people, ideas, books, media and technology.
	Students of B.Ed. will be able to do: Po3: **Ethics :** Recognize value systems, moral dimensions and become responsible individual of the society.
	Students of B.Ed. will be able to do: Po4: **Hands on Experiences:** Have provision of hands – on experiences to transact curriculum.
	Students of B.Ed. will be able to do: Po5: **Liaison between school and community:** Develop competence to act as a leader, a guide of community and as a liaison between school and community.
	Students of B.Ed. will be able to do: Po6: **Pedagogical skills and teaching competency:** Apply skills of teaching and select learner-centered teaching methods, necessary competencies for organizing experiences, select and use appropriate assessment strategies for facilitating learning.
	Students of B.Ed. will be able to do: Po7: **Gender Sensitivity:** Indentify and overcome gender sensitive issues in school, classroom, curricula, text book
	Students of B.Ed. will be able to do: Po8: **Sensitivity towards inclusion:** Indentify the diversities and deal it in inclusive classrooms environment, guidance and counseling programme for differently abled children
	Students of B.Ed. will be able to do: Po9: **Developing Aesthetic Sense:** Develop aesthetic sense through art and craft.

	Students of B.Ed. will be able to do: Po$_{10}$: **Physical Development:** Practice yoga, sports and scouting guiding.
	Students of B.Ed. will be able to do: Po11: **Environment and Sustainability:** Understand environmental awareness issues and sensitivity towards environment concern and promoting skills to meet environmental challenges and sustainable development.

Programme Specific Outcomes of B.Ed.	PSO$_1$: Understand various Philosophies and their role in education PSO$_1$: Conduct action research to solve classroom problems
	PSO$_1$: Understands Communicative Skills in English and Urdu
	PSO$_1$: Understand Axiological aspects and education. PSO$_2$: Develop sociological imagination about the ramifications of culture, social change and education.
	PSO$_1$: To engage learners with school, community and enhance professional competencies and provide first hand experiences. PSO$_2$: Understand the classroom diversities and enable them to deal with diverse learners in inclusive classroom setup. PSO$_3$: Facilitating the learners to use ICT in classrooms
	PSO1: Understand the nature, extent and causes of individual differences among children, and have the working knowledge of strategies and techniques for helping children. PSO$_2$: Understand the concept of Non-formal education and its role in the context of education for all.
	PSO$_1$: Understands teaching leaning methods such as teacher-centered and child/learner centered methods. PSO$_2$: Learns different approaches and strategies of teaching. PSO$_3$: Develops competencies to select and use appropriate assessment strategies to facilate learning. PSO$_4$: Acquire necessary competencies to organize learning experiences.
	PSO: Provide awareness of gender sensitization through guest lectures.
	PSO: Understand individual differences among students, administer psychological tools and provide guidance and counseling at appropriate time.
	PSO: Understand art as a medium of expression PSO: Deepen student's ability for perception and reflection.
	PSO: Understand the importance of physical education in life. PSO: develop an integrated personality
	PSO: Actively participate in the protection of environment. PSO: Develops values of environmental education.

Course	Course Outcomes
B9101CCT PHILOSOPHICAL FOUNDATIONS OF EDUCATION	CO_1: Understands the Philosophical Bases of Education. CO_2: Acquires historical understanding about the dynamics of Indian education CO3: Develops an understanding of various strategies And approaches to bring peace in society.
B9102CCT PSYCHOLOGY OF LEARNER AND LEARNING	CO_1: Applies the knowledge of Principles of Educational Psychology and Techniques to facilitate optimum Development of Integrated Personality. CO_2: Appreciates the need and significance of the study of psychology in understanding, analyzing, interpreting, and guiding the development of the learner. CO_3: Understand the nature, extent and causes of individual differences among children and have the working knowledge of strategies and techniques for helping children.
B9103CCT COMMUNICATIVE ENGLISH	CO1: Understands interpersonal skills and apply them in their interaction with others. CO2: Develops listening comprehension. CO3: Develops conference skills. CO4: Improves reading skills. CO5: Writes resumes, invitation, and letters.
B9ED101DST PEDAGOGY OF MATHEMATICS	CO1: Understands the aims, values and objectives of mathematics CO_2 :Develop competency in teaching strategies, content and in the preparation of suitable teaching learning materials. CO3: Understand and practice various methods and techniques of teaching mathematics. .
B9102DST PEDAGOGY OF BIOLOGICAL SCIENCES	CO1: Acquires the knowledge of aims and values of teaching biological science. CO2: Understand the various approaches and methods of teaching biological science CO3:develop the competency of preparing annual plan ,unit plan and lesson plan
B9103DST PEDAGOGY OF SOCIAL STUDIES	CO1: Acquire knowledge and develop understanding about the various pedagogical principles involved in teaching of social studies. CO2: inculcate values through teaching of social studies

	CO3: acquaint the pupil teachers about the skills to be developed among the pupils through teaching social studies.
B911DST PEDAGOGY OF URDU-1	CO1: understand the need and importance of urdu language and Instill among the learners a love for language and its efficient use in real life situation. CO2: Instill among the learners a love for Urdu language and its efficient use in real life situation. CO3: Be able to develop among learners an ability to Acquire urdu language skills.
B9ED112DST PEDAGOGY OF HINDI-1	CO1: Understands the nature and objectives of teaching hindi CO2: Become aware of modern methods of language teaching and put them to use in real classroom situations. CO3: Be able to evaluate the language skills objectively
B9ED113 DST PEDAGOGY OF ENGLISH	CO_1:Understand the place of English language teaching in INDIA CO2: Identify different methods, approaches and techniques needed for teaching different skills of ELT in the Indian context CO3:Ability in planning lessons in prose, poetry and supplementary reader
B9ED 114 DST PEDAGOGY OF PHYSICAL SCIENCES-1	CO1: Draw the attention on development of science and the contributions of western and Indian scientists. Co2:develop the skill of of organizing science curriculum and critique on the secondary school physical science curriculum Co3: organize and participate in various non formal science programmes / activities
B9ED 203 CCT ICT BASED TEACHING AND LEARNING	CO1: Develop various skills to use computer technology for sharing of information and ideas through the blogs and chatting groups Co2:Understands the ICT based teaching and learning in the classrooms CO_3: Understands the impact of technology and fuse it to strengthen value system.
B9ED202CCT LEARNING AND TEACHING	CO1:Plan instructional process and apply the basic teaching model CO2:Use various skills and competencies during teaching learning process and classroom management CO_3:Employ various approaches of teaching-learning, such as ,behaviorist, cognitivist,constructivist,connectionist and wholistic
B9ED201CCT SOCIOLOGIC AL FOUNDATIO NS OF	CO1: Suggests programmes to strengthen National Integration. CO2: Know the role of Education in Social Change

EDUCATION	CO3: Sensitize the student about the impact of education on the quality of life.
B9ED 201DST PEDAGO GY OF MATHEM ATICS	CO1: Engage with research on childrens learning in specific ares of mathematics CO2: Appreciate mathematics as a tool to engage the mind of the student CO3:Constructs appropriate assessment tools for evaluating mathematics learning
B9ED 202 DST PEDAGOGY OF BIOLOGICAL SCIENCES	CO1: Equip the resources for effective teaching of biological sciences CO2:Utilize the applications of science and technology CO3: Construct the achievement test and analyse the result
B9ED 203 DST PEDAGOGY OF SOCIAL STUDIES	CO1:Sensitise and equip teachers to handle social issues and concerns Co2: Inculcate qualities and competencies required for a good teacher CO3: Prepare lesson plans using innovative techniques
B9ED 211 DST PEDAGOGY OF URDU-1	CO1: Develop an understanding of the nature and objectives of teaching urdu language. CO2:Acquire language skills Co3:Be sensitive to language use
B9ED 212 DST PEDAGOGY OF HINDI II	Co1:Be sensitive to the problems of teaching and learning the language Co2: Be able to evaluate the language skills objectively. Co3: Become aware of innovative methods of language teaching.
B9ED 213 DST PEDAGOGY OF ENGLISH II	Co1: understand the gradation of English grammar and composition teaching and learning. CO2: understand the role of language laboratory in teaching learning of English. CO3: keep abreast of the latest trends and innovations in teaching learning of English.
B9ED 204DST PEDAGOGY OF PHYSICAL SCIENCES	CO1: understand the importance of physical science curriculum and its organisation CO2: equip the resources for effective teaching of physical sciences. CO3: utilize the applications of science and technology on society.
B9ED 250 CCP SITP-I	CO1:Acquire teaching competencies and leadership qualities CO2: Able to adjust with HEAD of the institute, teachers, students and peer group CO1: Work collaboratively to reflect and share their Work with students on projects.
B9ED 301 CCT ASSESSMEN T FOR	CO1: be exposed to different kinds and forms of assessment that aid student learning;

LEARNING	CO2: become Aware of the use of a wide range of assessment tools, and learn to select and construct these appropriately. CO3: evolve realistic, comprehensive and dynamic assessment procedures that are able to keep the whole student in view.
B9ED 302 CCT MANAG EMENT	CO1: understand the fundamentals of Educational Management. CO2: understand the basic components, principles for functioning of school organization. CO3: understand principles of school management and community school relationship.
B9ED 303 EPP ICT COMPETE NCIES	CO1: recognize, understand and appreciate ICT as an effective learning tool for learners and a support to teachers. CO2: understand the application of information and communication technology in education. CO3: apply the knowledge of networking and internet in their daily life.
B9ED 302EPP ART IN EDUCATION	CO1:develop creative thinking through different Art forms. CO2:realize that liberal arts help in making better professionals. CO3: understand Art as a medium of expression.
B9ED 301EPP READING AND REFLECTING ON TEXTS	CO1: strengthen the ability to 'read', 'think', 'discuss and communicate' as well as to 'write' in the language of instruction. CO2: develop abilities in reading and understanding meaning of different kinds of texts. CO3: become self-learners, reflective and expressive teachers, and collaborative professionals.
B9ED 350CCP SITP II	CO1: Acquires knowledge, teaching skills, learning experiences and proficiency in teaching CO2: Acquaint with school environment and learn to conduct sports and games
B9ED 401 CCT CONTEMPORA RY ISSUES IN EDUCATION	CO1:understand the concept of Globalization and its influence in the expansion of education at global level CO2:understand the concept of International Understanding and Peace Education and the means to overcome value crises CO3: Becomes acquainted with the contemporary Issues in education.
B9ED 402 CCT ENVIRONM ENTAL EDUCATIO N	CO1: understand the environmental hazards, disasters & Disaster management. CO2: understand the need for protecting the environment CO3: know how technology can be integrated into teaching of Educational Environment
B9ED 403 CCT INCLUSIVE EDUCATION	CO1: understand the different types of differently abled Person. CO2: understand the causes of different types of impairment and disability.

	CO3: understand the strategies for educational inclusion of different excluded/marginalized sections of the society.
B9ED 404 CCT HEALTH AND PHYSICAL EDUCATION	CO1: understand the various dimensions and determinants of health. CO2: understand the importance of physical education in human life. CO3: develop organization skills in organizing tournaments and sports meet.
B9ED 401 EPP UNDERSTAND ING THE SELF	CO1:develop life skills to understand self CO2: develop the capacity to facilitate personal growth and social skills CO3: develop ones capacity for reflection
B9ED 450 CCP SITP-III	CO1: Acquires the skill of taking up innovative projects CO2: Learn the skill of school management CO3: Able to carry out action research to solve classroom problems

Master of Education	
POs, PSOs & Cos	
Programme **Outcome**	PO1. Master of education program intends to prepare highly Professional Teachers educators to strengthen quality in teacher education. PO2.Develops in depth critical understanding of the nature of education studies PO3. Conceptually analyzes and recognizes issues that need to understand from epistemic, ethical, aesthetic, political and philosophical perspective PO4. Develops comprehensive understanding of Human psychology and learning PO5. Build a broad, balanced and coherent perspective on what , why, and how of education PO6. Enhance competencies to work as professional and scholars in education PO7. Oriented for educational research and skills. PO8 gets command over educational statistics for educational research analysis PO9 Develops ability to conduct quality research Po10 Handle the problems related to teacher preparation. PO11 gets involved in various acidities and process of teacher education institutions to gain insight into the multiple roles of teacher educator

	PO12 critically examine the role and contributing of various agencies and regulating bodies in enhancing the quality of teacher education
Programme Specific Outcome(s)	PSO1-Locates and reads the educational research and literature PSO2-Describes and Memorizes the process of research work PSO3-plans and Conducts research PSO4-explains the concept of teacher education, reflects on the status, curriculum, infrastructure, explains the problem of teacher education PSO5-paticipates in various activities of teacher education, explains multiple roles of the teacher educators, recognizes organizational culture PSO6-examines the role of various agencies, and regulatory bodies' in enhancing the quality of teacher education PSO7-illustrates spoken skills before audience. PSO8-Demonstrates self and professional practices, PSO9-show professional attitudes, values and interests need to function as a teacher educator.
Course Outcomes	
Courses	**Outcomes** (The student will be able to)

MMED111CCT Philosophical perspectives of education	CO1-describes various theories of philosophy CO2 differentiates between various concepts, CO3Interprets the knowledge and implies it in the classroom
MMED112CCT Psychology of development and learning	CO1-Describes the schools of psychology CO2 identifies the process of learning, illustrate personality types, CO3 describes concept of intelligence and emotional intelligence CO4 explain the causes of maladjustment and mental ill health.
MMED113CCT Introduction to educational research	. CO1-Explains purpose of research CO2 Memorizes types of research CO3 Describes process of research CO4 Distinguishes between various types of variables, sampling types , hypothesis CO5 Interprets the data collected for research and summarizes the results.
MMED114CCT Teacher education	CO1-Describes the history of teacher education CO2 Explains roles and functions of various institutions CO3 Compares various modes of pre service and in-service teacher education, CO4 Evaluates the planning and organization of teacher education.

MMED111AEP Communication & Expository writing	CO1- Demonstrates effective communication skills, CO2 Points out mistakes in expository writing CO3 write any essay in clear and coherent manner
MMED211SEP Self development	CO1-Introspects self CO2 Demonstrate open mindedness CO3 Be sensitive to the environment, CO4 Analyses ones strengths and weakness CO5 Takes right decision at right time, CO6 Solves ones problems of life effectively.
MMED211CCT Sociological perspectives of Education	CO1-Relates education and society CO2 Appraise the role of education in social change CO3Descries various issues in India society.
MMED212CCT Historical, political and economic perspectives of Education	CO1-Explains historical perspective of education CO2Relates politics and education CO3Estimate relationship between education and economic growth, CO4 Compares status of education in various countries, and summarizes current trends in Education.

MMED213CCT Advanced Research methods	CO1-Explains qualitative methods of education CO2 List outs the tools of qualitative research CO3 Prepares research proposal, CO4 Uses inferential statistics to analyze the data,.
MMED214CCT Emerging technologies in Education	CO1-Integrates technology in education using ICT tools CO2 Describes about the various tools of emerging technology, CO3Explains use of technology in assessment, CO4Describe the policies related to technology CO5List outs the problems of using technology CO6 Examines use of ICT in research
MMED311 CCT Curriculum studies	CO1identifie the components of curriculum CO2describes various principles and determinants of curriculum CO3Analyses various approaches to curriculum CO4compares various types of curriculum CO5implement the curriculum and understand the process.
MMED312CCT Specialization-1	CO1- Recalls the concept of elementary education CO2 Describes various recommendations of committees and commissions of elementary education,

Elementary education	CO3 Explains the role of various institutions in administration and management of elementary education CO4 Differentiate the system and structure of different boards of elementary education.
MMED 312CCT Specialization-2 Secondary education	C01-Describes the objectives of secondary education CO2 Describes various recommendations of committees and commissions of secondary education CO3 Explains the role of various institutions in administration and management of secondary education CO4 Differentiate the system and structure of different boards of secondary education.
MMED313CCT Specialization-1 Elementary education	CO1-Explains the status of elementary education CO2 Narrates the issues of elementary education CO3Examines the quality concerns of elementary education.
MMED313CCT Specialization-2 Secondary education	CO1 Explains the status of secondary education CO2 Narrates the issues of secondary education, CO3 Examines the quality concerns of secondary education

MMED 411CCT Elementary education- policy, economics of edicatopm and Educational	CO1-Indicate the aims and objectives of elementary education CO2 Describes the planning, policies, and administration of elementary education CO3Examines the curriculum of elementary education CO4 Lists out the challenges of elementary education, CO5Describes the programmes to be implemented for elementary education.
MMED411DST Secondary curriculum pedagogy and assessment	CO1--Indicate the aims and objectives of secondary education CO2 Describes the planning, policies, and administration of secondary education, CO3 Examines the curriculum of secondary education, CO4 Lists out the challenges of secondary education, CO5 Describes the programmes to be implemented for secondary education.

Diploma in Elementary Education (D.El.Ed.)

Programme Outcome	**PO1**. **Elementary Teacher:** This programme intends to prepare Professional and Humane elementary Teachers, represents an effort to strengthen quality in elementary teacher education. **PO2. Pedagogy of learning**: How teachers teach, and the ways in which children achieve the goals and objectives of the curriculum. **PO3. Child Studies:** to develop an understanding of how children's development and learning takes place in different cultural, educational and social contexts. It attempts to engage student teachers with understanding the theories of child development, notions of childhood and examine how these differ in different socio cultural contexts. **PO4. Education and Contemporary Studies:** examines the wider context in which learning occurs. It is aimed at enabling student teachers to analyze the linkages between education and society, develop a critical understanding of the factors that have been, and continue to contribute to social and educational exclusion. Discussion on diversity is expected to deepen the learner's understanding of the relationship between teachers, learners, contexts and the nature of learning. **PO5. Language and Early Language Development:** is focused on bringing out the influences of social and cultural contexts on learning and development in early years and discusses ways in which young children's language and literacy and development can be supported in formal settings. **PO6. Perspectives on gender and inclusion:** are running threads across the curriculum to empower student teachers and sensitize them. However a separate course is also introduced to bring together the theoretical understandings and the practical experience gained through school internship and practice teaching. Therefore while transacting this course; opportunities for reflections are to be provided for student teachers to enable them to integrate these learning's. **PO7. Self-directed and Life-long Learning:** Understanding Self will enable student teachers to understand their own biases, so that through a reflective process, they can actively foster skills and commitment for improving themselves as individuals and professionals. The course also provides student teachers opportunities to critically read and comprehend texts that are relevant to their professional development, some of which may include the suggested advanced readings in the curriculum document.

Programme Specific Outcome(s)	**PSO1.** Understand the elementary school and elementary school child; **PSO2.** Examine the issues in elementary education in the context of the socio-economic realities of the contemporary Indian Society; **PSO3.** Integrate content, processes and context of learning and organize curricular experiences; **PSO4.** Construe education of elementary school children in continuum and establish organic linkages with the early childhood teacher education and secondary teacher education programmes; **PSO5.** Understand the importance of conceptual blending of theoretical understanding available in several cognate disciplines and to appreciate the gestalt! Emerging from the conceptual blending. **PSO6.** Integrate the emerging gender, disability, environment perspectives in teaching and learning. **PSO7.** Understand various perspectives of learning and of how knowledge is constructed by an elementary school child; **PSO8.** Develop an understanding of the various child friendly and child-sensitive approaches and strategies of transacting learning experiences in different curricular and co-curricular areas at the elementary level; **PSO9.** Develop skills and competencies of organizing learning experiences; **PSO10.** Foster the integrated and holistic development of student teachers through life enrichment and development of self; **PSO11.** Get acquainted with the structure and dynamics of school organization and its interaction with the community; **PSO12.** Develop an appreciation of the role of the teacher in the prevailing socio-cultural and political system in general and the educational system in particular; **PSO13.** Integrate the emerging ICT perspectives in teaching and learning; internalize civic, democratic and constitutional values and participate in day-to-day

life with civic responsibilities and humanistic values.

PSO14. Internal Civic, democratic and Constitutional Values and Participate in day -to-day life with civic responsibilities and humanistic values.

Course Outcomes	
Courses	**Outcomes** (The student will be able to)
DLED111CCT Childhood and Child Development	**CO1.** Describe general conceptions about child and childhood (specifically with reference to the Indian social context).
	CO2. Give a sensitive and critical understanding of the different social/educational/cultural realities at the core of the exploration into childhood.
	CO3. Classify different aspects of a child's physical, motor, social and emotional development.
	CO4. Describe process of children with diverse abilities in social, cultural context.
	CO5. Discuss hands-on experiences to interact with children, and training in methods to understand aspects of the development of children.
DLED112CCT Society, Education and Curriculum	**CO1.** Explain the meaning, aims, and purposes of education
	CO2. Identify and question one's own long-established presumptions on knowledge, school and education
	CO3. Identify the linkage between knowledge, power and curriculum
	CO4. Explain the student teachers to divergent educational perspectives and practices to realize the aims of education
DLED113CCT Pedagogy across Curriculum and ICT Integration	**CO1.** Describe Pedagogy conceptions and perspectives.
	CO2. Critically examine the terminologies and notions associated with child-centered education such as Activity based learning, Joyful learning, CCE, IQ, Merit
	CO3. Explain Pedagogy resources and practice.
	CO4. Describe ICT based learning processes and resources: Creating learning environments, ICT supporting pedagogic practices; Educational games
	CO5. Describe ICT integration with assessment: Mapping of Assessment tools; Portfolio assessment; Rubrics; Managing Data.
DLED114CCT Understanding Language and Early Language Development	**CO1.** Explain the nature of language
	CO2. Identify and correlate the interplay of language and society
	CO3. Classify different genres of literary texts
	CO4. Write down the processes of language acquisition and learning
	CO4. Describe the significance and acquisition of early literacy in the larger context of school curriculum.
DLED111EPP	**CO1.** Discuss art and craft, the need to appreciate it in different forms; the scope

Arts in Education	and purpose of art education and art as the basis of education.
	CO2. Describe the perspective and appreciation of art, nature, and human existence relationship.
	CO3. Critically analyze the current trends in art education and develop a possible scenario for art for change
	CO4. Identify the range of traditional art forms and working with hands.
	CO5. Classify diverse music forms and the role of music in human cultures.
	CO6. Create and present pieces of art: using visual arts and crafts
	CO7. Create and present pieces of performance art using music and movement
	CO8. Evolve collective art projects incorporating different art media – into a public festival/event.
	CO9. Deepen understanding, appreciation and skills in one chosen medium through self work and evaluate self as an artist and art educator.
DLED112EPP Understanding Self	**CO1.** Discover and develop open-mindedness, the attitude of a self motivated learner, having self-knowledge and self-restraint.
	CO2. Identify the capacity for sensitivity, sound communication skills and ways to establish peace and harmony.
	CO3. Explain the capacity to facilitate personal growth and social skills in their own students
DLED160CCP Classroom and School Observation	**CO1.** Experience the school in its totality; activities in addition to classroom teaching include school activities.
	CO2. Critically reflect on her own school experiences and keep records of the same.
	CO3. Assess different aspects of children's learning without a focus only on achievement.
DLED111NCT Advanced Course in Yoga Education-I	**CO1.** Explain the principles of yogic practices so as to improve quality of life.
	CO2. Identify yogic Asanas so as to improve physical and mental conditions and emotional equilibrium.
	CO3. Describe the psychological functions, e.g. awareness, concentration, will power.
	CO4. How foster co-operation amongst youth.
	CO5. Discuss Indian cultural practices that support meaningful and relevant educational strategies.
	CO6. How create opportunities to develop ideals, social skills and strengths.
	CO7. Write down the comprehensive view on philosophical concepts of Yoga Philosophy.

	CO8. Discuss the importance of Yoga and its implications to human life. **CO9.** Explain the concept of Yoga and practice of various systems of yoga.
DLED211CCT Cognition and Learning	**CO1.** Discuss learner and learning processes with respect to perception, thinking, reasoning, meta-cognition. **CO2.** How do you understand the psychological basis of teaching and learning. **CO3.** How do you understand the process of thinking and learning in children through different theories/perspectives and reflect on their relevance in the teaching-learning process. **CO4.** How different perspectives/theories contribute to an overall understanding of development and the child as a socio-cultural universal. **CO5.** Bring out the implications of theory into the centre of the study of children.
DLED212CCT Pedagogy of Urdu Language	**CO1.** Describe the nature, characteristics and importance of language. **CO2**. Discuss the origin and development of Urdu language. **CO3.** Evaluate the place and order of Urdu Language. **CO4.** Identify the different aspects and types of literature. **CO5.** Bring out the relation between life and literature. **CO6.** Explain concept, principles and methods of teaching Urdu. **CO7.** Identify different activities which develop basic skills of Urdu language.
DLED213CCT Pedagogy of English language	**CO1.** Describe the status of English in Multicultural and multilingual society and the problems faced by the teachers and the students in the process. **CO2.** Discuss the various approaches, methods and techniques of teaching English and implement the same in the classroom **CO3.** Analyze micro process of teaching and learning and the classroom transaction process **CO4.** What are the importance of planning at various stages and implement the same **CO5.** Describe the various techniques of assessment and evaluation and grade.
DLED214CCT	**CO1.** Discuss the School Mathematics Topics and Processes

Pedagogy of Mathematics	**CO2.** Explain different methods of Teaching of School Mathematics
	CO3. Describe the Mathematics Manipulatives and learning Resources
	CO4. Describe the types of Mathematics Assessment and Evaluation
	CO5. Develop mathematical reasoning and problem solving capabilities in children
	CO7. Develop the ability to understand the pedagogic intent of textbooks and mathematics resources
	CO8. Learn to use different forms of assessment to facilitate children's learning.
DLED215CCT Pedagogy of Environmental Studies	**CO1.** Describe the scope of EVS and different perspectives of curriculum organization.
	CO2. Probe children's ideas in science and social science
	CO3. Plan and carry out classroom at the level of lower primary level(Class I-V)
	CO4. Explain different methods and approaches of teaching environmental studies emphasizing child centred and child friendly experience based, activity based and competency based approaches to teaching.
	CO5. Assess children's learning using different pathways.
DLED260CCP Micro Teaching & Reflective Teaching	**CO1.** Equip and empower the student teachers with the skills, competencies required to handle a real classroom.
	CO2. Period plan is prepared with all the required procedures and practiced before their peers and teacher educators.
	CO3. Peer group act as students and also give feedback.
	CO4. Student teachers will develop clear understanding & competencies to transact curriculum in a desirable procedure by practicing in a simulated situation.
DLED211NCT Proficiency in English Language- I	**CO1.** Strengthen the student teachers own English language proficiency.
	CO2. Brush up their knowledge of grammatical, lexical and discourse systems in English.
	CO3. Enable students to link this with pedagogy.
	CO4. Re-sequence units of study for those who may have no knowledge of English.
DLED311CCT Education in Contemporary Indian Society	**CO1.** Discuss the historical and socioeconomic trends of Indian society in order to be able to appreciate the interrelatedness of education and the wider context.
	CO2. Critically analyze the diversity and heritage of Indian society
	CO3. Examine inequalities that plague Indian society and challenges of achieving social justice.
	CO4. Identify the relationship between the public context of education and the Indian Constitution in a democratic country like ours, especially in shaping the aims of equity, quality, justice and inclusion in education
	CO5. Examine the nature of manifestation of social diversity in classrooms, revisit one's general presumptions and reflect on one's role as a teacher
	CO6. Describe the vision of a school, community and society from a liberal,

	humane perspective.
DLED312CCT School Culture, Leadership and Teacher Development	**CO1.** What do you understand the concept of School Culture. **CO2.** How to gain an insight into importance of School Leadership. **CO3.** How to develop an understanding of various components of School Management. **CO4.** How to acquaint learners with concept and process of School Resource Management. **CO5.** Discuss about creation and management of infrastructural facilities for Quality Education. **CO6.** Explain the management set up of schools and institutions related to it. **CO7.** Describe the concept and importance of continuous Professional development in Education. **CO8.** How to get an insight into Teacher and Teacher Development Programmes.
DLED311EPP Work and Education	**CO1.** Describe the broad conception of work and work ethics. **CO2.** Getting awareness about the precautions to be taken while including work within school. **CO3.** Appreciate the importance of teachers in actively participating in all work assigned to children.
DLED360CCP School Internship and Practice Teaching (SIPT-I)	**CO1.** To experience the school in its totality; activities in addition to classroom teaching include school activities and interaction with parents. **CO2.** To assume the role of a regular teacher with appropriate planning taking into account the diverse needs of students and the varying contexts that impact the teaching learning process. **CO3.** To be able to innovate within existing systemic limitations. **CO4.** To learn to conduct meaningful classroom activities by careful selection and organization of such activities. **CO5.** To critically reflect on her own school experiences and keep records of the same. **CO6.** To learn to assess different aspects of children's learning without a focus only on achievement.
DLED311NCT Advanced Course in Yoga Education-II	**CO1.** Explain the principles of yogic practices so as to improve quality of life. **CO2.** Identify yogic Asanas so as to improve physical and mental conditions and emotional equilibrium. **CO3.** Describe the psychological functions, e.g. awareness, concentration, will power. **CO4.** How foster co-operation amongst youth. **CO5.** Discuss Indian cultural practices that support meaningful and relevant educational strategies. **CO6.** How create opportunities to develop ideals, social skills and strengths.

	CO7. Write down the comprehensive view on philosophical concepts of Yoga Philosophy.
	CO8. Discuss the importance of Yoga and its implications to human life.
	CO9. Explain the concept of Yoga and practice of various systems of yoga.
DLED411DST Urdu Language Education	**CO1.** Describe the objectives of teaching Urdu language.
	CO2. Discuss the importance and steps of lesson planning of Urdu language.
	CO3. Evaluate the specific characteristics of Urdu Language Teacher.
	CO4. Describe the importance of TLM in Urdu Language teaching learning.
	CO5. Describe the principles of curriculum development in Urdu language and literature.
	CO6. Explain concept, principles and methods of teaching Urdu.
	CO7. Identify different activities which develop basic skills of Urdu language.
	CO8. Identify different institutes which helping in development of Urdu language.
	CO9. Describe the tools and techniques of measurement, evaluation and test in Urdu language.
	CO10. Explain the CCE and preparation of Scholastic Achievement Test.
DLED412DST English Language Education	**CO1.** Explain the Skills of reading critically
	CO2. Able to Responding to and interpreting independently various narrative texts
	CO3. Appreciate diversity of language as reflected in narrative texts.
	CO4. Acquiring different registers related to various subject disciplines and domains.
	CO5. Discuss the Unlimited and diverse sources of materials for a language class beyond textbooks.
	CO6. Describe Handling aspects of grammar not in isolation but by creatively integrating it with text.
DLED413DST Mathematics Education	**CO1.** Describe the content areas of mathematics at the upper primary level including algebraic and geometric thinking
	CO2. Describe constructivism in relation to mathematics learning.
	CO3. Analyse research-based practices for improving mathematics instruction
	CO4. Explain pedagogies to facilitate conceptual understanding by learning to engage children in activities and problem solving
	CO5. Describe strategies to create an inclusive mathematics classroom
	CO6. Develop capabilities to engage children in Mathematisation processes - communicating, reasoning, argumentation, justifying, generalising, representing, problem-solving, and connecting.
	CO7. Develop the ability to understand the pedagogic intent of textbooks and mathematics

	resources
	CO8. Learn to use different forms and strategies of assessment to facilitate children's learning,
	improve their own instruction and the evaluation process
	CO9. Learn to communicate precisely in mathematics and thereby enabling children to build their mathematics communication skills
	CO10. Explore technology enabled tools enhance teaching learning processes
DLED414DST Science Education	**CO1.** Revisit their own conceptual understanding of science. **CO2.** To engage student teachers with various aspects of the nature of science. **CO3.** To help student teachers understand children's ideas in relation to cognitive development and children understands of scientific concepts. **CO4.** To help student teachers select and use appropriate teaching-learning and assessment strategies. **CO5.** To enable student teachers to view science as an inclusive and a democratic enterprise.
DLED415DST Social Science Education	**CO1.** Developing an understanding of the social world through the disciplines of social science, such as, history, geography, politics, etc. and appreciating their interconnectedness in facilitating such an understanding; **CO2.** Promoting critical thinking to examine different viewpoints and assumptions and differentiating between fact and opinion and identifying bias and prejudice; **CO3.** Encouraging use of strategies and approaches facilitating effective inquiry and problem-based teaching in social sciences in a manner that enhances curiosity of children and develops their abilities to critically reflect on the existing society; **CO4.** Establishing connections between the knowledge gained in the social science classroom to the social world outside; **CO5.** Building skills at gathering, organising, managing, interpreting and analysing data; **CO6.** Using varied assessment techniques to assess in depth knowledge and critical abilities.
DLED411CCT Integrating Gender and Inclusion Perspectives in Education	**CO1.** Describe a comprehensive and critical understanding on disability, marginalization and inclusive education. **CO2.** Discuss how barriers to learning arise from various discriminatory practices, curriculum, teaching approaches, school organization, and various other social and cultural factors. **CO3.** Focus on the structures (implicit and explicit) in our schools that serve as a hindrance to the inclusion of all students. **CO4.** Deliver pedagogy, curricula that engage all students, including those with disabilities to address inequality and diversity in Indian classroom. **CO5.** Integrate learning's on gender and inclusion across all courses
DLED412CCT	**CO1.** Understand the definition and importance of early childhood years as

Early Childhood Care Education	foundation for lifelong learning and development.
	CO2. Develop sensitivity regarding stage wise differences in developmental needs and characteristics of children in early, middle and late childhood years and implications for elementary stage of education.
	CO3. Understand principles and methods of developmentally appropriate ECCE curriculum and its significance for school education.
	CO4. Understand the importance of Home School and community links in early childhood care and education.
DLED413CCT Yoga, Physical and Health Education	**CO1.** To build a holistic understanding of the concept of health and well-being and understand children's health needs using a social determinants framework.
	CO2. To understand the reciprocal relationship between health and education and understand the role of the teacher and possible ways of engaging with health concerns.
	CO3. Equip them to know their health status, identify health problems and be informed for taking remedial measures;
	CO4. Make them aware about rules of safety in hazardous situation (illness, accident and injury) and equip them with first aid measures about common sickness and injuries;
	CO5. To build knowledge and skills on teaching health and physical education and integration of their themes with other curricula areas of teacher education and school subjects.
	CO6. Encourage them to learn and to form right habits about exercise, games and sports, sleep, rest and relaxation;
	CO7. To link theoretical and conceptual learning with actual school/classroom realities through practical work.
DLED411EPP Value Education and Life skills	**CO1.** Describe the need and importance of value-education and Life skills.
	CO2. To orient the student teachers with the basis of duty-conscious ethics and morality based on a rational understanding of moral personality development of oneself and the child.
	CO3. To enable them to understand the process of Life skills development vis-a-vis as a means of their cognitive and social development
	CO4. To orient the student teachers to draw lessons from principles of life and converting them into moral learning towards moral education.
DLED460CCP School Internship and Practice Teaching (SIPT)-II	**CO1.** To experience the school in its totality; activities in addition to classroom teaching include school activities and interaction with parents.
	CO2. To assume the role of a regular teacher with appropriate planning taking into account the diverse needs of students and the varying contexts that impact the teaching learning process.
	CO3. To be able to innovate within existing systemic limitations.
	CO4. To learn to conduct meaningful classroom activities by careful selection and organization of such activities.
	CO5. To critically reflect on her own school experiences and keep records of the

	same.
	CO6. To learn to assess different aspects of children's learning without a focus only on achievement.
DLED411NCT Proficiency in English Language- II	**CO1.** Strengthen the student teachers own English language proficiency.
	CO2. Brush up their knowledge of grammatical, lexical and discourse systems in English.
	CO3. Enable students to link this with pedagogy.
	CO4. Re-sequence units of study for those who may have no knowledge of English.

Department of English

MA English Programme Outcomes

1) MA in English program prepares students for further higher study or doctoral programme in English, for professional writing career and for teaching in English in schools, colleges and *Madrasas*

Further, the students shall be able to:

2) Demonstrate knowledge of the history of the English language, literary history, major periods, authors, genres, literary theories and rhetoric

3) Demonstrate critical and analytical skills in the evaluation of any text

4) Demonstrate a command of written academic English

5) Possess knowledge of linguistics, the English language teaching, advanced phonetics, and

6) Demonstrate a reading knowledge of Urdu

MA English Programme Specific Outcomes

The students shall be able to

1) Demonstrate knowledge of British literature, American literature, Commonwealth literature, Indian Writing in English, English-Urdu literature translation, Cultural studies, Dalit literature, Basic Linguistics, the English Language Teaching and Advanced Phonetics

2) Develop complex reading, writing, and research skills

3) Develop and display understanding of literary theory

4) Develop the knowledge and appropriate use of textual material and secondary sources

MA English Course Outcomes

Course Title: **History of the English Language and Literature** Course Code: **MAEN101CCT**	**Course Outcome**: Upon the completion of the course students are expected to have learnt about the origin, evolution and development of the English language and literature.

Course Title: **The Structure of Modern English** Course Code: **MAEN102CCT**	**Course Outcomes**: Upon the completion of the course, students are expected to have learnt the system and structure of Modern English and have prepared themselves to explore complex issues in language study.
Course Title: **Fiction in English** Course Code: **MAEN103CCT**	**Course Outcomes**: Upon the completion of the course, the student should be able to demonstrate understanding of novel as a literary genre, identify and discuss distinct literary characteristics of novel, and analyze literary works for their structure and meaning using appropriate terminology.
Course Title: **Maulana Azad Studies** Course Code: **MAEN104CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learnt about Maulana Azad's contribution to literature, journalism and national politics.
Semester-2 Course Title: **English Language Teaching** Course Code: **MAEN201CCT**	**Course Outcomes**: Upon the completion of the course students are expected to become familiar with language teaching theories, methods, approaches and skills.
Course Title: **Drama in English** Course Code: **MAEN202CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to have learnt dramatic forms and techniques.
Course Title: **English Poetry** Course Code: **MAEN203CCT**	**Course Outcomes**: Upon the completion of the course students are expected to be thoroughly familiar with various forms and elements of Poetry and the lives of English poets representing different time periods.
Course Title: **English Essay** Course Code: **MAEN201DST**	**Course Outcomes**: Upon the completion of the course the students are expected to clearly understand and treat Essay as a distinct genre and learn about the rich and vibrant tradition of essay writing around the world.
Course Title: **Introduction to Linguistics** Course Code: **MAEN202DST**	**Course Outcomes**: Upon the completion of the course the students are expected to learn how to study language from various perspectives involving various systems of language.
Semester-3 Course Title: **Literary Theory and Criticism– I** Course Code: **MAEN301CCT**	**Course Outcomes**: Upon the completion of the course students are expected to learn how to study literary criticism and how to apply critical thinking to analyse any piece of literary work.

Course Title: **Indian Writing in English** Course Code: **MAEN302CCT**	**Course Outcomes**: Upon the completion of the course, the students are expected to not only get informed about Indian authors who write in English and whose work has been translated into English from Indian languages, but also to get familiarized with their writing style.
Course Title: Comparative Literature Course Code: **MAEN303CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to make comparative and contrastive analysis of literature produced in diverse cultures and societies from those of their own.
Course Title: Postcolonial Literature Course Code: **MAEN304CCT**	**Course Outcomes**: Upon completion of the course, the students should be able to identify central themes and concerns in postcolonial literature, display an understanding of key concepts used in the field and think critically about these texts in relation to postcolonial theory.
Semester: 4 Course Title: **Literary Theory and Criticism-II** Course Code: **MAEN401CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to have learnt basic concepts in literary theory and acquired techniques of textual analysis and literary interpretation.
Course Title: **Dalit Literature: An Introduction** Course Code: **MAEN402CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to learn and appreciate various forms of Dalit literature.
Course Title: **Urdu Literature in Translation** Course Code: **MAEN403CCT**	**Course Outcome**: Upon the completion of the course students are expected to start appreciation of Urdu literature and broaden their understanding of the concept of literature.
Course Title: **Introduction to Cultural Studies** Course Code: **MAEN401DST**	**Course Outcomes**: Upon the completion of the course, the students are expected to appreciate culture from various disciplines and perspectives and learn to analyze cultural texts.
Course title: **Advanced Phonetics** Course Code: **MAEN402DST**	**Course Outcomes**: Upon the completion of the course students are expected to learn speech mechanism, English sounds, stress and intonation systems, and identify problems of Indian speakers of English.

PhD Programme Outcomes

Scholars shall make contribution to the existing body of knowledge; the contribution shall be in the form of:

1) Discovering new patterns of knowledge

2) Solving problems of the issues related with language, literature, culture and society

3) Reviewing or revising the existing fields of discipline by discovering or establishing new perspectives

4) Bringing new perspectives through interdisciplinary approach to the established disciplines

5) Studying and analyzing literary texts or language texts and contextualizing them to the present times for the benefit of the society

6) Demonstrating knowledge of best practices, regarding research and documentation of research

7) Carrying out all research activities ethically

8) Participating in conferences/seminars and demonstrating knowledge of research skills, presentation skills, critical and analytical skills

9) Demonstrating high-level of proficiency in language/ literary research and in the synthesis of research

10) Conducting research independently and supervising any study that leads to substantial original thesis

11) Theorizing any form of composition

12) Applying interdisciplinary approach to the field of research undertaken for study

PhD Programme Specific Outcomes (for Language Students)

The scholars shall be able to

1) Advance existing methods of the English language teaching

2) Introduce new methods of teaching for the acquisition of English from school to post graduate levels

3) Demonstrate high level of proficiency in language research

4) Teach undergraduate and postgraduate level English courses

PhD Programme Specific Outcomes (for Literature Students)

The scholars shall be able to

1) Demonstrate an appreciation for both canonical and non-canonical works of literature

2) Demonstrate mastery of the discipline by tracing the development, advancement and current practices of literary studies, rhetoric etc.

3) Demonstrate critical skills in the interpretation and evaluation of literature

4) Participate in the profession of literary studies through seminars, conferences, publications, and memberships

PhD Courses Outcomes

Course Title: **Introduction to Research Methods**	**Course Outcomes:** Upon the completion of the course, the scholars are expected to have learnt

Course Code: **PHEN101CCT**	how to conduct research and have acquired academic writing skills required for presenting their research.
Course Title: **Language, Literature and Theory** Course Code: **PHEN102CCT**	**Course Outcomes:** Upon the completion of the course the scholars are expected to understand and appreciate current linguistic and literary theories and integrate theories into the description and analysis of the prescribed texts.
Course Title: **Emerging Trends in English Language Teaching** Course Code: **PHEN101DST**	**Course Outcomes**: Upon the completion of the course scholars are expected to develop acumen for the issues in English language teaching research.
Course Title: **Glimpses of Contemporary World Literature** Course Code: **PHEN102 DST**	**Course Outcomes**: Upon the completion of the course scholars are expected to learn about new areas of research in literature and the application of theories for textual analysis.

Department of Hindi

MA Hindi Programme Outcomes:

1) Students able to join in the field of Translation and Information related Jobs. Department of Hindi taking special initiation in the field of Functional Hindi like official Languages and other related area.
2) Through this conventional mode of M.A, students get Jobs in the teaching field like UG

   and PG level.

3) Students are able to work in area of Media related organisation as script writer, reporter,

   subeditor etc.

MA Hindi Programme Specific Outcomes

The students shall be able to

1) To become Teacher in UG and PG level.
2) To become Translator, Hindi Assistant, Hindi Officer.
3) To become dubbing artist in filed of Cinema.
4) To become a language editor in Information Technology filed, like Web Translation, and content writing and editing.

MA Hindi Course Outcomes

Course Title: Aadhunik Hindi Kavya Course Code: MAHN101CCT	Course Outcomes: 1. Convincing students about the period and Literature. 2. Introducing Eminent writers to the students of the period. 3. Importance of the period and Literature (Poetry)
Course Title: Aadhunik Hindi Gadya Course Code: MAHN102CCT	Course Outcomes: 1. To understand the prose 2. To know the History of prose of Hindi Literature 3. Various types of prose in Hindi Literature and contextualization.

Course Title:Hindi Sahitya Ka Itihas Course Code:MAHN103CCT	Course Outcomes: 1. To know the History of Hindi Literature 2. Knowing the importance of various periods of Literature like Ancient, Medieval and Modern periods. 3. Knowing the importance of eminent writers and their writings.
Course Title:Prayojanmulak Hindi Course Code:MAHN104CCT	Course Outcomes: 1. Importance of applied Hindi and its applications. 2. Know the importance of official language as Hindi and its terminology.
Course Title:Hindi Bhasha Aur Sahitya Ka Itihas Course Code:PGHN101GET	Course Outcomes: 1. To know the History of Hindi Literature 2. Knowing the importance of various periods of Literature like Ancient, Medieval and Modern periods 3. Knowing the importance of eminent writers and their writings.
Course Title:Aadhunik Hindi Kavya (Bhag 2, 1936 Ke Baad) Course Code:MAHN201CCT	Course Outcomes: 1. Through this paper students know the modern forms of Hindi Poetry. 2. Know the Eminent Writers and their writings of this period. 3. Knowing Social conditions of the society before and after Independence 4. To know the Pragativad, Prayogvad, Nayi Kavita, AKavita, Satottari Kavita and Samakaleen Kavita.
Course Title:Madhyakaleen Hindi Kavya Course Code:MAHN202CCT	Course Outcomes: 1. To know the medieval soceity and Literature(Poetry) 2. Importance of Medieval period writers and their writings, like Sant, Sufi and Reeti Kaleen Poetry.
Course Title:Hindi Katha Sahitya Course Code:MAHN203CCT	Course Outcomes: 1. To know the importance of modern fiction in Hindi 2. Analyzing the writings, in view of the society.

	3. Through this study students know the purview of the writer and society.
Course Title:Hindi Natak Ekanki Aur Rangmanch Course Code:MAHN204CCT	Course Outcomes: 1. Knowing of Hindi Drama and its issues 2. To know the relation between theatre and play 3. To know the relation between Literature, Drama and Theatre.
Course Title:Bhartiya aur Pashchatya Kavyashastra Course Code:MAHN301CCT	Course Outcomes: 1. To know the importance Indian and Western Poetics. 2. Students will know the Impact of western poetics and its impact of Indian Literature 3. Students will know the Importance of Indian Poetics and implication on India, Poetry and Culture.
Course Title:Shodh Pravidhi Course Code:MAHN302CCT :	Course Outcomes: 1. Learning the research methods according to the area and time and application. 2. Improving skills in analyzing the theory. Need of field work and its importance
Course Title:Bhasha Vigyan aur Hindi Bhasha Ka Vikas Course Code:MAHN303CCT	Course Outcomes: 1. To know the importance of Linguistics 2. How Hindi incorporates other Languages styles and its sounds. 3. History of Hindi Language and its relation with Indo European Languages.
Course Title:Hindi Sahitya Mein Aadhunik Vimarsh Ke Swar Course Code:MAHN301DST	Course Outcomes: 1. To know the importance of the modern discourses. 2. To understand the theory in view of the Indian Society. 3. Contextualizing the modern discourses to the contemporary society.
Course Title: Dalit Sahitya: Vishesh Adhyayan	Course Outcomes: 1. Theorizing the Ambedkarism in the

Course Code:MAHN302DST	present scenario of the Society. 2. Analyzing the Dalit society in the era of Globalization 3. Contextualization of Dalit Literature and Society 4. Sensitizing the Society regarding Dalit s and their issues.
Course Title:Anuvad Siddhant Course Code:MAHN401CCT	Course Outcomes: 1. To know importance of translation theories in view of the Gobal Phenomena. 2. To study the various theories of Translation, Indian and Western. 3. Involving students towards practical translation, according to the translation theories, Hindi to English and Vice-Versa.
Course Title:Bharatiya Sahitya Course Code:MAHN402CCT	Course Outcomes: 1. To know the importance of Indian Literature in view of the National Integrity. 2. Through this study students will know the various forms of Literature in Indian Languages through Hindi. 3. Through this study students will learn oneness of Indian Literature and respecting nature towards all Indian language.
Course Title:Hindi Jansanchar Madhyam Evam Hindi Course Code:MAHN403CCT	Course Outcomes: 1. To know the importance of media in Hindi Language. 2. To know various fields of Hindi Media. 3. To know the application of language and technology in the modern media like print and electronic.
Course Title:Lok Sahitya Evam Sanskriti Course Code:MAHN401DST	Course Outcomes: 1. Through the study students know the relation between Folklore and social life. 2. In the absance of Folklore in how the society become Anarchiness. 3. Through the study of this Folklone students get knowledge by studying Folksongs, stories, Dramas and Sonnets.

Course Title:Premchand: Vishesh Adhyayan Course Code:MAHN402DST	Course Outcomes: 1. To know the importance of Premchand in Hindi Literature. 2. Contextualizing of Premchand writings with Indian Society. 3. Premchand as a Moderator to the Indian Fiction.
Course Title:Media Evam Hindi Course Code:PGHN401GET	Course Outcomes: 1. To know the importance of media in Hindi Language. 2. To know various fields of Hindi Media. 3. To know the application of language and technology in the modern media like print and electronic.

PhD Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Ph.D Programme Outcomes:

Scholars shall make contribution to the existing body of knowledge, the contribution shall be in the form of:

1) Improving the knowledge related to society and Literature.
2) Solving issues related to language and Literature.
3) Adopting new fields and preparing the students to face the challenges of contemporary issues.
4) Preparing students to analyse the changing scenario of Literary texts and its relation to the society.
5) Improving the skills of Literary criticism for the new Discourses.
6) Demonstrating knowledge through internal seminars, exhibiting material, group discussion.
7) Applying inter disciplinary approach in the filed of research in view of Global Phenomina.

PhD Programme Specific Outcomes (for Language Students)

The scholars shall be able to

1) Learn new language techniques which are helpful to them to enter in the area of information technology.

2) Discovering equalities between Dhakhini and Hindi, and contextualization of languages.

PhD Programme Specific Outcomes (for Literature Students)

The scholars shall be able to

1) Preparing scholars to face the advanced areas of the Literature.
2) Analyzing and contextualization the critical methods of medieval and Modern Literature and Society.

3) Identifying and applying the new ways of Translation methods in the core areas.
4) Understand and analyze the fourth world Literatures and the concerned society.

PhD Courses Outcomes

Course Title:Shodh Pravidhi Aur Prakriya Course Code:PHHN101CCT	Course Outcomes: 1. Learning the research methods according to the area, time and application. 2. Improving skills in analysing the theory. 3. Need of field work and its importance
Course Title:Sahitya Ka Samaj Shastra Course Code:PHHN102CCT	Course Outcomes: 1. To improve the knowledge of the scholar regarding Literature and Society. 2. To understand the theory and relation of Literature and Society. 3. Learning Ethics while doing Research about Society and Literature 4. Following of Sociology of Literature time to time
Course Title:Dalit Vimarsh Course Code:PHHN104DST	Course Outcomes: 1. Theorizing the Ambedkarism in the present scenario of the Society. 2. Analyzing the Dalit society in the era of Globalization 3. Contextualization of Dalit Literature and Society 4. Sensitizing th Society regarding Dalit s and their issues.
Course Title:Muslim Vimarsh: EkAdhyayan	Course Outcomes: 1. To understand the issues of Muslim Society 2. Identity and their Culture

Course Code:PHHN105DST	3. Identifying the Muslim Discourses.
Course Title:Hindi Katha Sahitya Course Code:PHHN107DST	Course Outcomes: 1. Learning the methods, reviews and critical analysis of Fiction. 2. Understanding and analisation of society and fiction.
Course Title:Hindi Natak Aur Rangmanch Course Code:PHHN101DST	Course Outcomes: 1. Knowing of Hindi Drama and its issues 2. Relation between theatre and play 3. Relation between Literature, Drama and Theatre.

Department of History

B.A. Programme (History)

B.A. Programme (History) Outcomes

1. B.A. Programme (History) has been prepared for the students to educate them about various aspects of Indian and World history.
2. Students shall be able to understand the overall developments of our country from pre-history to modern times.
3. Students shall develop awareness and sensitivity about the Indian cultural heritage and its historical importance.
4. All these studies are imparted in Urdu language.

B.A. History Programme Specific Outcomes

1. By completing B.A. History the students are eligible to get admissions in Masters in various disciplines.
2. Students develop historical consciousness and a sense of the past which enable them to understand the society and culture as a whole.
3. We prepare students by enhancing their knowledge and developing required skills to compete in various competitive exams across the country.

B.A. History Course Outcomes

Course Title: **History of India up to 6th Century BC** Course Code: **BAHS101CCT**	**Course Outcome:** Students learnt what is History, how to read sources and how to understand socio-political and cultural dynamics of the history of Early India.
Course Title: **History of India: 3rd Century B.C to Mid-8th Century A.D** Course Code: **BAHS201CCT**	**Course Outcome:** Students learnt about the process of state formation under Mauryas and cultural exchange between India and central Asia along with the socio-economic and cultural accomplishments under the Guptas and their successors.
Course Title: **History of India (Mid 8th Century to Early 16th Century AD)** Course Code: **BAHS301CCT**	**Course Outcome:** Students learnt about the transition from early medieval India to medieval India and the establishment of state under the Sultans of Delhi and the formation of regional states under Bahamanis and Vijaynagara.
Course Title: **History of India (1526 – 1750 A.D)**	**Course Outcome:** Students learnt about the foundation, expansion and consolidation of

Course Code: **BAHS401CCT**	the Mughal Empire and the rise of regional states in the Eighteenth century India.
Course Title: **History of India (1750 A.D – 1885 A.D)** Course Code: **BAHS501DST**	**Course Outcome:** The students understood how and why the British succeeded in establishing their rule in India and how the Indians resisted against the British.
Course Title: **Modern World – I** Course Code: **BAHS502DST**	**Course Outcome:** The students understood the rise of modern west and the major economic and political developments in teh world till the mid 19th century.
Course Title: **Indian National Movement** Course Code: **UGHS501GET**	**Course Outcome:** The students understood various phases of Indian National Movement.
Course Title: **Modern India : National Movement** Course Code: **BAHS601DST**	**Course Outcome:** The students understood various phases of Indian National Movement and the Partition and its aftermath.
Course Title: **Modern World – II (1850 – 1964)** Course Code: **BAHS602DST**	**Course Outcome:** The students learnt about rise and growth of nations states in Europe and the major developments in the 20th century World.
Course Title: **Socio – Religious Reform Movements in India (19th & 20th Centuries)** Course Code: **UGHS601GET**	**Course Outcome:** The students were taught about various revivalist and reform movements in the 19th and 20th century India.

M.A. History Programme Outcomes

5. M.A. History programme has been prepared for the students to opt higher studies like M.Phil. and Ph.D. and making their careers in teaching and research.
6. Students shall be able to understand the overall developments of our country from pre-history to modern times.
7. The students will be able to analyse and interpret the sources of Indian history.
8. The students are also trained to write project report and dissertations on various aspects mainly covering Political, Economic, Social and cultural life of the people.
9. Students are trained to link the past with the present by applying various approaches to study history.
10. All these studies imparted in Urdu language.

M.A. History Programme Specific Outcomes

4. After completing the Masters in History the students are eligible to get jobs as teachers in various educational institutions such as Universities, Colleges and Schools.

5. By completing M.A. History the students are eligible to get jobs in the Department of Archaeology, Archives and Museums. Some of the papers have been introduced keeping in view the employability of the students in the department of Tourism.

6. Students develop historical consciousness and a sense of the past which enable them to understand the society and culture as a whole.

7. Students develop awareness how to preserve and conserve historical monuments.

8. We prepare students by enhancing their knowledge and developing required skills to compete in various competitive exams across the country.

M.A. History Course Outcomes

Course Title: **Ancient India from Pre-History to the Mauryas** Course Code: **MAHS101CC**	**Course Outcome:** Students learnt how to read sources and how to understand socio-political and cultural dynamics of the history of Early India.
Course Title: **Medieval India : Political and Administrative Institutions** Course Code: **MAHS102CCT**	**Course Outcome:** The students became aware of how the Sultans of Delhi & the Mughals built their administrative institutions and retained their political power in India.
Course Title: **Historiography: Ancient and Medieval World** Course Code: **MAHS103CCT**	**Course Outcome:** Students were made to learn to critically read and analyse the sources and to understand the evolution of various historiographical traditions of the pre-modern world.
Course Title: **Modern India (1757-1857)** Course Code: **MAHS114CCT**	**Course Outcome:** Students understood how and why the British succeeded in establishing their rule in India and how the Indians resisted against the British.
Course Title: **Ancient India: Post-Mauryas to the Early Medieval Times** Course Code: **MAHS201CCT**	**Course Outcome:** Students learnt about the process of state formation in India and the cultural exchnges between India and cultural Asia along with the socio-economic and cultural accomplishments under the Guptas and their successors.
Course Title: **Medieval India: Society and Culture** Course Code: MAHS202CCT	**Course Outcome:** Students understand the rise and growth of Bhakti and Sufi Movemens, along with other socio-cultural facets, in Medieval India.
Course Title: **Modern Historiography** Course Code: **MAHS204CCT**	**Course Outcome:** The students learnt the rise and development of modern practices of history writing and were enable to develop their historiographical framework, based on the study of major trends in modern times.

Course Title: **Modern India (1858-1964)** Course Code: **MAHS213CCT**	**Course Outcome:** The students understood various phases of Indian National Movement and the process of nation building after Independence.
Course Title: **Economic History of India (1200-1757 A.D.)** Course Code: **MAHS301CCT**	**Course Outcome:** The students learnt about the economy of medieval India, especially the different means and modes of production distribution.
Course Title: **Medieval Deccan and Far South** Course Code: **MAHS303CCT**	**Course Outcome:** The students learnt about the formation of states, political institutions and administrative structure in medieval Deccan and far south.
Course Title: **Modern World** Course Code: **MAHS302CCT**	**Course Outcome:** The students understood the rise of modern west and the evolution and growth of nation states in modern World.
Course Title: **Women in Modern India** Course Code: **MAHS301DST**	**Course Outcome:** The students learnt about the issues of women and their contribution to the political and social reform movements in modern India.
Course Title: **Religious Traditions of India** Course Code: **MAHS302DST**	**Course Outcome:** The students were made to learn about the origin, philosophy and practices of various Indian religious traditions.
Course Title: **Ancient World** Course Code: **MAHS303DST**	**Course Outcome:** The students understood early World civilizations such as the Greek, Mesopotamian and Egyptian, along with their socio-political and economic patterns.
Course Title: **History of Ideas in Modern India** Course Code: **MAHS304DST**	**Course Outcome:** The students were taught about various modern Indian thinkers and their contribution to the ideas of socio-religious reforms and nationalism.
Course Title: **An Introduction to Historic Indian Coinage** Course Code: **PGHS301GET**	**Course Outcome:** The students learnt about the history of coinage and its minting techniques in India.
Course Title: **Modern World (19th to 20th Century)** Course Code: **MAHS411CCT**	**Course Outcome:** The students learnt about the major developments in the 20th century World.
Course Title: **Project** Course Code: **MAHS401CCP**	**Course Outcome:** The project helped the students to learn the basics of research by going on field, visiting libraries, archives and museums and by collecting and documenting the data.
Course Title: **Economic History of India, 1757-1964**	**Course Outcome:** The students learnt about the colonial economic policies and its impact

Course Code: **MAHS412CCT**	on India and the economic policies developed immediately after Independence.
Course Title: **Medieval Indian Numismatics** Course Code: **MAHS403DST**	**Course Outcome:** The students understood the history of coinage in India, and the technique to identify and decipher coins.
Course Title: **Medieval World** Course Code: **MAHS404DST**	**Course Outcome:** The students learnt about the socio-political and economic dynamics in the medieval world.
Course Title: **History of Islam in India** Course Code: **MAHS405DST**	**Course Outcome:** The students learnt about the rise of Islam and its arrival and the formation of Muslim community in the Indian sub-continent, with special reference to the Muslims' response to the British rule and Indian nationalism.
Course Title: **India and its Central Asian Neighbourhood** Course Code: **MAHS401DST**	**Course Outcome:** The students learnt the relations between India and Central Asia and various social, cultural and religious dynamics.
Course Title: **History of Applied Tourism** Course Code: **PGHS401GET**	**Course Outcome:** The students were trained to develop important techniques to conserve and promote Indian heritage and culture by taking them to historical monuments and heritage sites.

Ph.D. History Programme Outcomes

11. Scholar shall make some new contribution to the existing knowledge of history.
12. Scholars shall conduct independent research by making use of research material to produce original thesis.
13. Scholars become aware of the variety of sources required to do research in their respective field such as literary chronicles, archives, private papers, statistical data and archaeological findings etc.
14. Scholars shall be able to develop alternative theoretical framework to address the problems in history.
15. Scholars are particularly encouraged to adopt problem-solving approaches to the past to contribute to the policy making.
16. Scholars shall inculcate research ethics, intellectual honesty and academic integrity while doing research.
17. Scholars end up learning importance of interdisciplinary approaches in social science research.
18. Scholars are trained to participate in academic discussions in conferences, seminars and workshops.

Ph.D. History Programme Specific Outcomes

9. Scholars shall become eligible to work as teachers in universities and colleges.
10. Scholars shall be able to find employment in both government and private professional bodies, organisations and institutions.
11. Scholars will be able to contribute to the specific area of his/her expertise.
12. Scholars will be well versed in the research methodology.
13. Scholars develop historical consciousness and a sense of the past which enable them to understand the society and culture as a whole.
14. By the end of the programme, scholars are able to write their thesis in Urdu as well as English.

Ph.D. History Course Outcomes

Course Title: **Research Methodology in History** Course Code: **PHHS101CCT**	**Course Outcome:** The students learnt about the various aspects of research methodology to reconstruct the past.
Course Title: **Exploring Different Facets of Indian History** Course Code: **PHHS102CCT**	**Course Outcome:** Students were taught about certain specialised trends in Indian historiography such as numismatics studies, economic history, intellectual history and gender history.
Course Title: **Sources of Indian History** Course Code: **PHHS101DST**	**Course Outcome:** The students were introduced to various textual and non-textual sources of Indian history and how to use them for research.
Course Title: **Historiography** Course Code: **PHHS102DST**	**Course Outcome:** The students were introduced to various historiographical approaches.

Department of Islamic Studies

MA Islamic Studies   Programme Outcomes

1. MA in Islamic Studies program prepares students for further higher study or doctoral programme in subjects of Social Science, particularly Islamic Studies for teaching in Islamic Studies in schools, colleges and Madrasas.

Further, the students shall be able to:

2. Demonstrate knowledge of Muslim history Culture and Civilization, well-educated in diversity of Muslim Societies, Institutions, Thinker, Reformers and Movements.

3. Demonstrate critical and analytical thinking about the political ideas and social approaches.

4. Play a remarkable role in the progress and prosperity of humanity.

5. Conduct research in Islamic Studies in a modern perspective.

6. Develop learning skills and acquire understanding of Arabic.

MA Islamic Studies   Programme Specific Outcomes

The students shall be able to

1. Demonstrate information of Muslim's History, Rise of Islam, Muslim Rules during Medieval Period and Contemporary Period, Cultural history of Muslim Societies, Sources of Islam, Islamic Law ,Islamic Mysticism in Indian ,Contributions of Muslims to Sciences, Arts and Architecture, Non Muslim's contribution to Islamic Studies, Islamic perspective regarding Modern Issues.

2. Develop complex thinking and research skills.

3. Develop understanding of Islamic studies through various means.

4. Advance the knowledge and appropriate use of textual material and secondary sources.

MA Islamic Studies Course Outcomes

Semester:1 Course Title: **The Quran and Hadith**	**Course Outcome**: Upon the completion of the course, students are expected to have

Course Code: **MAIS101CCT**	learnt about the compilation of Quran and Hadith its commentaries, Translations,
Course Title: **Islamic Law and its Principle** Course Code: **MAIS102CCT**	**Course Outcomes**: Upon the completion of the course, students are expected to have learnt about origin and development of Islamic Law and its Sources, School of Thoughts and its characteristics.
Course Title: **Islamic Mysticism** Course Code: **MAIS103CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learnt about origin, historical development of Islamic Mysticism and its famous schools, literature and impact on the societies.
Course Title: **Life of the Prophet and Pious Caliphate** Course Code: **MAIS104CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learnt about the Prophets' biography, his essence of life and contributions of Pious Caliphate.
Semester:2 Course Title: **Umayyad Period** Course Code: **MAIS201CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learnt about the socio-political, economic and religious development during Umayyad Period
Course Title: **The Abbasids and the Petty Dynasties** Course Code: **MAIS202CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to have learnt about the scientific and cultural progress during Abbasid, Fatimid and Mamluks Period.
Course Title: **The Ottomans and The Petty Dynasties** Course Code: **MAIS203CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learnt about Ottoman Empire and Saljooqs,Gaznavid,Taimoorids,Safavid Dynasties and Its Caliphate, Rise and Fall, Scientific, Social, Religious, Political and Economic Progress, Its administrative and Architectural developments.
Course Title: **Kalam & Muslim Philosophy** Course Code: **MAIS204CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to clearly understand origin and development of Kalam and Muslim Philosophy. The importance of Kalam and Muslim Philosophy, Its religious and cultural impact.
Semester:3	**Course Outcomes**: Upon the completion of the course the students are expected to have learn about modern Muslim world and its

Course Title: **Islam in Modern Age** Course Code: **MAIS301CCT**	contemporary issues.
Course Title: **Islam in India** Course Code: **MAIS302CCT**	**Course Outcomes**: Upon the completion of the course students are expected to have learn about Islam in India, socio, cultural and administrative development during Sultanate and Mughal period.
Course Title: **Indian Muslim Thinkers and Movements** Course Code: **MAIS303 CCT**	**Course Outcomes**: Upon the completion of the course, the students are expected to clearly understand the origin, growth and various religious movements in India and Muslim Thinkers of India.
Course Title**: Muslim Contributions to Sciences and Arts** Course Code: **MAIS301DST**	**Course Outcomes**: Upon the completion of the course the students are expected to understand the Muslim's developments in the field of science and arts.
Course Title: **Arabic Language** Course Code: **MAIS302DST**	**Course Outcomes**: Upon completion of the course, the students should be able to understand, read and write Arabic. To enable the ability of the students to enhance their skills in acquiring Arabic language.
Semester:4 Course Title: **Islam and Modern Trends** Course Code: **MAIS401CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to familiarize with the scientific and revolutionary personalities, Islamic movements and Institutions in Islamic world and western world.
Course Title: **Contributions of Non Muslims to Islamic Studies** Course Code: **MAIS402CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to aware of the origin and developments of Orientalism and contributions of orientalists in the field of Islamic Studies
Course Title: **Islamic Thoughts and Ideologies** Course Code: **MAIS403CCT**	**Course Outcome**: Upon the completion of the course students are expected to have learn about social, political, economic and ethical thoughts and ideologies of Islam.
Course Title: **Islam and Modern Issues** Course Code: **MAIS401DST**	**Course Outcomes**: Upon the completion of the course, the students are expected to aware of their rights, the importance of education, human rights, women rights and environmental studies in Islam.
Course title: **Islam and Interfaith Studies** Course Code: **MAIS402DST**	**Course Outcomes**: Upon the completion of the course students are expected to familiarize with the comparative study of the major world

	religion and its impact.
Course title: **Arabic Language** Course Code: **MAIS403DST**	**Course Outcomes**: Upon the completion of the course, the students should be able to read and write in Arabic language.

PhD Programme Outcomes

Scholars' contribution shall be in the form of:

1. Discovering new patterns of knowledge.
2. Solving problems of the issues related to Islamic Sciences, Law, Mysticism, Islamic Culture, Society and Civilization.
3. Reviewing or revising the existing fields of discipline by discovering or establishing a new perspective.
4. Bringing new perspectives through interdisciplinary approach to the established disciplines.
5. Establishing knowledge of best practices, regarding research and documentation of research.
6. Carrying out all research activities ethically.
7. Participating in conferences/seminars and signifying knowledge of research skills, presentation skills, critical and analytical skills.
8. Conducting research independently and supervising any study that leads to substantial original thesis.
9. Theorizing any form of composition.
10. Applying interdisciplinary approach to the field of research undertaken for study.

PhD Programme Specific Outcomes

The scholars shall be able to

1. Advance existing methods of research and teaching in Islamic Studies.
2. Introduce new methods of teaching for the acquisition of Islamic Studies from school to post graduate levels.
3. Teach undergraduate and postgraduate level courses in Islamic Studies.
4. Demonstrate mastery on the discipline by tracing the development, advancement and current practices of Islamic studies.
5. Demonstrate critical skills in the elucidation and evaluation of Islamic Studies.

PhD Courses Outcomes

Course Title: **Research Methodology** Course Code: **PHIS101CCT**	**Course Outcomes:** Upon the completion of the course work, scholars are expected to have learnt how to conduct research and they have acquired academic writing skills which are required for presenting their research and learn the aims, objectives and method of research.

Course Title: **Islamic Studies: Broad Field** Course Code: **PHIS102CCT**	**Course Outcomes:** Upon the completion of the course the scholars are expected to understand the Islamic Studies and the important institutions, libraries and books and new areas of research in Islamic Studies in a modern perspective.
Course Title: **Area of Research Concerned –A: Islamic Sciences** Course Code: **PHIS102DST**	**Course Outcomes**: Upon the completion of the course, scholars are expected to know the current position of research in Islamic sciences (Quran, Hadith, Fiqh and Mysticism) in today's academic world and they must developed their views and methods in acquisition of the knowledge.
Course Title: **Area of Research Concerned –A: History of Islamic Civilization** Course Code: **PHIS101 DST**	**Course Outcomes**: Upon the completion of the course, scholars are expected to distinguish the original and current sources related to Muslim's History, their Culture and Civilization.

All Programmes Outcomes:

The Department of Islamic Studies offers M.A, Ph.D. and Diploma in Islamic Studies programs. The department also offers Islamic Studies as Core and Generic Elective/Discipline Specific Elective for Post-Graduate and undergraduate programs of other department students. The main objective of these programmes are to impart teaching and conduct research in Islamic Studies in a modern perspective. These days Islam has taken a central stage in public discussions and debates relating particularly to its political ideas and social approaches. Apart from this, Islam has a vast history of its rich civilization and culture pertaining to India and the world as a whole. Its achievements have been very unique in various fields of human life. It has played a remarkable role in the progress and prosperity of humanity. These aspects are subjects of the studies and research in today's academic world. The department studies the vast areas of Islamic sciences, law, culture, civilization, mysticism and thought with the aim to train scholars in the subject of Islamic Studies.

Programmes	Course Title & Course Code	Course Outcome	Course Objectives
Ph. D Islamic Studies	Research Methodology & PHIS101CCT	اس ورک سے کے ذریعے طالب علم کو تحقیق اور اس کے منہج و مصادر تحقیق کے طریقہ کار سے آگاہی ہوگی اور تحقیق میں استعمال ہونے والے طریقوں کے کرنے کے سے واقف ہوں گے۔	• تحقیق کے کو مفہوم و مقاصد اور اس کی اہمیت سے آگاہی • زبان و تحقیق کے مناہج اور اصولوں سے واقفیت • تحقیق کے طریقہ کار سے واقفیت
Ph. D Islamic Studies	Islamic Studies: Broad Field & PHIS102CCT	اس ورک سے کے ذریعے طلباء کو اسلامیات کے مختلف اداروں اور دورِ جدید میں رائج اسلامیات کے موضوعات سے واقفیت ہوگی اور اسلامیات کے مختلف موضوعات کے بارے میں الہ ربانی کی روشنی اور اندازِ میں واقفیت ہوگی۔	• اسلامیات اور اس کے اداروں کے مختلف اداروں سے واقفیت • مطالعاتِ اسلامیہ کے رجحانات اور موضوعات سے واقفیت • الہ ربانی روشنی اور بندہ کے مقاصد سے آگاہی
Ph. D Islamic Studies	Area of Research Concerned–A: Islamic Sciences & PHIS101DST	اس ورک سے کے ذریعے علومِ قرآن، علوم حدیث، فقہ اور اصولِ فقہ، علمِ کلام جیسے علوم کے موضوعات اور ان کے مباحث سے واقفیت ہوگی۔	• قرآن اور حدیث کے علوم سے متعلق رجحانات و مباحث کے موضوعات سے آگاہی • علمِ فقہ اور اصولِ فقہ کے موضوعات سے متعلق رجحانات و مباحث سے واقفیت
Ph. D Islamic Studies	Area of Research Concerned–B: History of Muslim Culture & Civilization & PHIS102DST	اس ورک سے کے ذریعے اسلامی تہذیب و تمدن کی تاریخ کے مختلف رجحانات و موضوعات سے واقفیت ہوگی اور اسلامی تہذیب و تمدن کی تاریخ کے رجحانات و موضوعات کے بارے میں رائج روایات سے واقفیت ہوگی۔	• اسلامی تہذیب و تمدن کی تاریخ کے دونوں رجحانات سے آگاہی • رجحانات و موضوعات پر مبنی تاریخ کے مختلف موضوعات اور ان کے مصادر سے آگاہی
M.A Islamic Studies	Life of the Prophet and Pious Caliphate & MAIS111CCT	اس ورک سے کے ذریعے سیرتِ نبویﷺ کے مختلف احوال اور اس سے قبل زمانۂ جاہلیت کے احوال سے واقفیت ہوگی اور خلافتِ راشدہ کے دور کے اہم واقعات اور اس کے امتیازات سے آگاہی ہوگی۔	• زمانۂ جاہلیت کے عرب کے مختلف احوال کا مطالعہ • سیرتِ نبویﷺ کے مختلف ادوار اور ان کے اہم واقعات و خدمات سے آگاہی • خلافتِ راشدہ کے دور اور اس کے اہم واقعات سے آگاہی
M.A Islamic Studies	The Quran and Hadith & MAIS112CCT	اس ورک سے کے ذریعے قرآن کریم کی تدوین اور اس کے مباحث سے آگاہی اور علومِ قرآن کے مختلف مباحث سے واقفیت ہوگی، اسی طرح علمِ حدیث، اس کی تدوین اور اصولِ روایت و درایت سے بھی واقفیت ہوگی۔	• قرآن کریم کا تعارف اور اس کی تدوین کے مراحل سے آگاہی • علومِ قرآن کے مختلف مباحث سے آگاہی و واقفیت • علمِ حدیث کا تعارف اور اس کی تدوین سے واقفیت

			• دحیکؤ اک اعترف، اس تدؤ السؤرم اور اس دکؤ دتونی ے کؤ رمالج اور روا ی ودرا ی کؤ اوصولیس ے سؤ واتؤاق • دحیکؤ ے کؤ رعمؤف ذرنؤیوں اور اؤدیں سؤ واتؤاق؛ زنؤ اس نؤف نؤم دپؤواتؤین الماجہ بکؤ امت اکمؤاع ج
M.A Islamic Studies	Islam and Modern Issues & MAIS113CCT	اس وؤدرسؤ سؤ کؤ ذرنؤ بہؤ االسہؤ ص نؤم رات ا اور اس کف ائؤم ولؤیشں، وؤنؤحق ان نؤ اک السکؤم وؤہنتر اور طؤحن وؤنؤح ق کؤ دک ؤن اور ان کؤ ظؤحن تؤ ؤدک وصؤر بؤنس، امؤوح اؤل رات کک درؤانؤیؤ اور آؤولدؤنؤرپ رپؤا وؤل ے کؤ السؤکم وؤہنؤر سؤ آؤگکؤ وؤنؤگؤ انؤس رط ح اؤل سہؤم ندؤم یہؤات ے کؤ اؤنؤم ورؤم بؤن، ان ے کؤ وؤنؤح ق زؤن اؤیؤ وکؤاحؤل اؤلؤصؤر اؤع وؤش ے کؤن ے سؤ ندؤم واتؤاق احؤل صؤر وؤنؤگؤ۔	• ا سؤلمؤیس نؤم مؤؤؤرات ے کؤ وؤمؤہنتر اور جؤامؤج ے کف اؤئؤخ م اؤق اؤلؤاد ے کؤ نؤام مؤؤرات کؤ دؤرض وؤرت اکؤاطمؤب ل • وؤنؤح ق ان نؤ اک السکؤم وؤہنتر اور طؤحن وؤنؤح ق کؤ دک السؤکم اؤنؤم رؤونس اک اطمؤبؤل • امؤوح اؤلات ے کؤ طؤحن نؤ کؤ ن ی السؤم ے کؤ وؤمؤؤرات واؤمؤؤرات اک اطمؤبل • وؤخ اؤلؤات ے کاؤم، وؤنؤح ق اور راؤع وؤش ے کؤ وحؤال ے سؤ االسؤم کؤ دک امؤؤرات کؤ اطمؤبل
M.A Islamic Studies	Umayyad Period & MAIS114CCT	وؤکؤرسؤ دکؤ مؤؤرات ے کؤ ذرنؤ بہؤ ادؤ اؤومؤ ی وؤلؤج م ے کؤ اؤق ؤؤ مؤن وؤل سؤن اؤور اؤس وؤف کؤ دکؤ مؤظؤنؤؤین؛ زؤنؤ کؤم وؤؤ وؤدؤمؤدتؤ کؤ ن امؤت ے سؤ واؤنؤتؤاق احؤل صؤر وؤنؤگؤ اس رط ح اؤس زؤمؤن کؤ اؤدؤن سلؤ ے کؤ اؤندؤرؤ اؤقؤ ی وؤلؤج م ے کؤ وؤدؤوؤ، مؤظؤل وؤقؤؤس اؤور وؤض ؤخؤل صؤر کؤ مؤؤ وؤؤد امؤت مؤؤں آؤگکؤ وؤنؤگؤ۔	• اؤومؤ ی وؤلؤج م ے کؤ اؤؤؤم اور اس ے سؤ کؤ وؤشؤہر رؤیؤکؤاؤورؤیں اکؤاطمؤبؤل • اؤومؤ ی دؤو رؤ کؤج م اور کؤم وؤؤق کؤ وؤع اک اطمؤبل • اؤدنؤ سلؤ نؤم اؤومؤ ی وؤلؤج م اور اس ے سؤ کؤ دؤمؤتؤن، نؤمؤؤؤا ؤور ادؤ دؤبؤا وؤحؤال؛ زؤنؤ پؤرؤودؤکرؤپؤ ریؤاؤسؤ ے کؤ اؤؤاؤت اکؤاطمؤبل
M.A Islamic Studies	Islamic Law and Islamic Mysticism & MAIS211CCT	اس وؤدؤرسؤ سؤ سؤ واؤنؤؤم وؤا ے کؤ نؤم اؤگکؤ زؤن اؤلؤسؤکم اؤگؤ اؤؤ ے اور اس اؤک ارؤائؤنؤ تؤ عسؤ کؤر طؤح وؤا؟ کؤائؤف اؤ سؤہؤکؤل بؤکؤل کؤ دؤؤؤؤنؤ ے کؤ اؤلؤب وؤوؤؤع اؤلؤم اؤنؤؤؤؤ ہؤتؤا اور ان اؤسؤؤہؤکؤل ے کؤ درائؤن اؤک قؤ قؤ یؤ اؤؤ ؤؤ؟ اؤسؤکؤم اؤقؤ ورؤن مؤؤؤازؤی سؤک طؤح وؤدؤنؤ کؤؤا اور اس ے کؤ اوؤصؤل اور اؤصؤنؤت کؤ دک وؤدؤنؤ اؤنؤدؤر اؤنؤؤؤن؟ اؤس رط ح اؤس سؤنؤؤت کؤ دک وؤنؤؤئؤ کؤ دؤؤؤؤؤم ا اؤج ی ی کؤگؤ؛ زؤن دؤپؤواؤیؤن نؤ کؤ وؤم وؤؤؤ نؤف اور وؤشؤہر بؤؤؤ ؤؤؤؤؤؤؤصؤ ؤؤؤؤ ے سؤ آؤگکؤ اؤح ل صؤر وؤنؤگؤ۔	• اؤفؤ السؤکم اور اس ے سؤ کؤ اؤرؤائؤنؤ، زؤنؤ کؤائؤف اؤ سؤہؤؤکؤل بؤکؤلؤ کؤ دؤؤؤؤنؤؤ ے کؤ رؤحؤمؤ اؤکؤ تؤ اور وؤشؤہر رؤؤؤؤ کؤائؤف وؤاؤہؤوؤبؤم ے سؤ اؤنؤؤؤ لؤ اؤنؤتؤاق • اؤسؤکؤم اؤؤؤورؤن مؤؤؤازؤ یؤ ے کؤ اوؤصؤل وؤؤوؤصؤ اؤطؤبؤا اور اس ے کؤ اؤصؤمؤ دؤرؤ ے سؤ آؤگکؤہ • وؤصؤنؤف ے کؤ آؤغؤاز اور اس ے کؤ اؤرؤائؤنؤؤ ے سؤ واؤنؤؤاق؛ زؤن اؤیؤاؤدب واؤؤدؤوؤصؤاؤؤؤ اکؤ اؤع اؤرؤف • وؤشؤہر الؤعؤباؤس وؤصؤنؤف، دؤپؤواؤؤؤؤن وؤصؤ اؤفؤؤ اور وؤشؤہر بؤؤؤؤدؤو وؤصؤ نؤف اک اؤئؤنؤرؤف •
M.A Islamic Studies	The Abbasids and the Petty Dynasties & MAIS212CCT	اس وؤدؤکؤرسؤ ے سؤ کؤ ذرنؤ بہؤ ادؤ نؤؤؤؤ وؤلؤج م ے کؤ وؤطؤلؤ کؤ دور دکؤ ہؤ ؤؤ ے کؤ جؤ امؤت، نؤؤؤا کؤر نؤؤؤم اور دؤمؤتؤ بؤ اوؤح اؤل ے سؤ آؤگکؤ وؤنؤگؤ انؤس رؤؤؤنؤ ؤؤ ارؤؤنؤؤم اؤ ے مؤ لؤ ے ن آؤے نؤؤ ے کؤ اس ے کؤ دؤور زؤوؤالؤ نؤؤؤم وؤوؤجؤم کؤ یؤ اؤؤؤؤمؤطؤ، اؤؤؤ لؤبؤؤ، مؤؤ اؤیؤؤن، وؤلؤمؤؤک اور اؤوؤنؤؤ وؤکؤؤؤؤؤؤؤؤؤ کؤ دؤمؤؤؤ رؤؤؤؤ اؤور اؤؤؤمؤؤ اؤکؤ ؤؤ مؤ ے واؤؤؤؤم ے کؤ؛ زؤنؤ نؤؤؤؤؤؤ وؤنؤگؤ ن ن	• اؤؤؤؤم وؤلؤج م ؤؤؤؤ اور رؤعؤ مؤؤف رؤمؤتؤ اؤور نؤؤؤؤں دؤ انؤؤؤؤؤ ے کؤ اؤؤؤؤؤؤ اؤسؤؤؤ ے سؤ اؤؤؤؤؤؤ ے کؤ جؤ امؤت اک اؤطمؤبؤل؛ زؤنؤ اس دور ے کؤ جؤ اؤیؤؤج واؤؤؤ نؤف اؤور نؤؤؤؤؤ رؤ نؤؤؤؤؤ اک اؤطؤمؤبؤل • اؤؤؤؤم وؤلؤج م ؤؤؤؤ ے کؤ دور زؤوؤالؤ نؤؤؤم اؤق مؤضؤؤؤؤ

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		کے رحم کرتے کہ ماہ اتنا ان کے کاائات دکھ یت وہش۔	واٴل افکومط اٴ ابی، ہم المدن، والمہک اور اوٴدب وابجوٴس؛ زین ان ٹد ٹہ اٴٹ ودتہ امت اک ن ج اطمبعل • والکحجی کے کسپ رظہم اور ان کے ثہلات س وان تنا کا اطمبعل
M.A Islamic Studies	Islam in India & MAIS213CCT	اس وکدرسے کے ذرہعہ ودہوانس نداالسہم ک دنربال نم آدما اور اس کے اہہپوٴکے وچہسں نددمدے کہک۔ اج اہہماور اس کے جہام کو دمتنن کرکہماٴ کر وم سے آکگ ہوشا۔ ابر ج الواقی کی دوٴکوکہوسں کہماٴ کہمی، اعدل طلق نٴی الوٴپ وشٴی داوکجہوسں کے اکر نوم سں اور اک برواداری کے وٴکے ہسرنہدمد کم نٴا؛ زین الوٴع وٴکے کے مظن ونٴسن، دمتن، رشہہک اٴنٴتف اور امت اک ٹہ ر ومسے سوانٴا احلصویٴگ۔	• دیہوا،نن نداالسہم نٴد کﺂ دما اور ارا اٴنتہا کا اطمبعل • دلہا نہبطس کے جالم قی وچہش اوحال زین اس کے مظن وقٴسٴا اور در امت اکاطمبعل • کگ ج ہٴبی، اع ٴی دور کی اٴ ای مبٴی، اع لٴ ل شٴ بطق شٴ ٴ والکحجوٴسں مٴں ماسم دمتن واٴنٴتف، رشہہک رہٴا کا اطمبعل • الغوٴکح ماس کے کم مظن وٴسن، جامج ودمتن، ٴکب رٴ ٴاری اور ٴہٴٴ ورنٴہ امت اک ت نٴ ج اطمبعل
M.A Islamic Studies	Islamic Thought and Ideologies & MAIS214CCT	اس وکدرسے کے ذرہعہ االسہمے کے جہام کی، انپس، لٴایش اور اٴٴقی رظنٴٴ نٴت وو ہٴبنٴرات واٴہہم وہٴ ںگ، اور ان وموٴٴعات رپ مہم اٴسم الدمٴوٴ وا احب ٴاٴف نٴا آراٴے سٴ آکگ احل صویٴگ۔	• االسہم کے کے جامی رظنٴنت اور ماسم نت اور ماسم ٴنٴی جادہاٴج ت کے اکنٴ کا اطمبعل • االسہم کے اٴسہٴ رظنٴنت اور اس وموٴع رپ ماسم الدمٴ نٴدکارٴا کا اطمبعل • االسہم کا اٴنٴٴر رظنٴنت اور اٴٴنٴڕ رٴبان کے اٴایات کا اطمبعل، زٴن اس وموٴع نٴدکرہنی کی اک اطمبعل
M.A Islamic Studies	Kalam& Muslim Philosophy & MAIS311CCT	ماٴع الکحے کن فکا اک آغٴز، اس کے رظہم اور اس کے اٴبدی الم ٴاٴح کہ بٴنا اس وکدرسے کے ذرہعہ وہش، اور وٴنہس ٴہٴٴنٴد السہمے کے رظنٴنت سے آکگ وہٴا ۔اہہسٴ اٴہہ رطح ٴہهٴف کے آغاز وارٴ اٴنٴہ، اور اس کے ٴروری الم ٴاٴح کے کم اہت وشٴم الٴد السہمے کے اوحال والاٴدرے س واٴٴق احل صوٴگ۔	• ماٴع الکحے کن فٴکٴ بکل کٴ دٴنٴ تاور اس کے کار اٴتٴ زٴن اس کے کالم کے رٴ کٴ اور ٴہﻬﻧٴ کا اطمبعل • ٴہٴما فا اور اس کے اٴبدی اٴٴٴ کٴدکٴہٴات؛ زٴن رٴدی السہمے کے فٴاٴخ اٴ السہم کے رظنٴنت اور الاکٴر کا اطمبعل
M.A Islamic Studies	The Ottomans and the Petty Dynasties & MAIS312CCT	اہہہٴ وٴکح م ٴے کے اٴنٴہٴما اور رٴعٴوٴ رٴبک جا ورٴ اک اطمبعل؛ زٴن اس وطٴی دور کے جٴاٴ کی اوحال اور دمتنن ووکٴ ٴ امت اک اطمبعل ج ٴ وٴجہسٴاٴق، زٴعٴوٴہ وٴعٴری اور وٴنٴرٴ وٴکحوٴسں اک اطمبعل اور ان وٴکجہوٴسں نٴا الجنٴٴم نٴ لٴں وٴلٴ نٴہٴٴ، دٴتٴ نٴان اور رٴٴونٴتٴ کا ٴ ومسے اکٴ ٴ و ٴی ک نٴ ٴ ٴ ج	اہہہٴ وٴکح م ٴے کے اٴنٴہٴما اور وٴطٴی دور کے اٴجٴنٴ ٴہ نٴن نٴں وائٴل دمتنن وٴکٴماٴ امت ٴ زٴن اس دورے کے کم مظن وٴسن ٴ اور جٴامچ کے اس وکدرسے کے ذرٴ آکگد وٴٴگ۔ اہہسٴ رطح اس زٴمان ٴہٴم ٴاٴخٴم الٴوٴقی نٴد ابٴہٴی وا ٴٴد وٴجٴ ٴہٴٴ، زٴعٴوٴہ کی، وٴعٴری اور وٴنٴرٴ وٴکجہوٴسں کے اوحال وا لٴار ٴ امت واکٴ ٴ ومسے کٴ کٴ ہٴ ٴ اٴلٴدتوٴگٴ

M.A Islamic Studies	Contributions of Non-Muslims to Islamic Studies & MAIS313CCT	اس کورس کے ذریعے اسلام اقدار کے آغاز وارتقاء اور اس کے ارتقاء ورحجانات سے واقفیت ہوگی، نیز ان کے موضوعات پر ان کے نمائندہ جامعیت سے روابط اور ان کے احیاء واقفیت ہوگی اور اس کی طرح اسلامی کے موضوعات پر ان کی اہم اور ان کا کام اور اس کا علم سے آگاہی ہو گا۔ وہ ان کے نمائندہ ہو سکے گا	• رحجانی اسلام اقدار کے آغاز، اس پر نظر ثانی اور اس کے ارتقاء واہم انجام کا اطلاع ہو • اسلامی جامعہ اور ان کے نمائندہ کام اور ان کا علم سے آگاہی • امت کا علم ہو
M.A Islamic Studies	Muslim Contributions to Sciences and Arts & MAIS311DST	اس کورس کے دوران اس کے ذریعے علم اسلامی علوم کے مکررہ وارتقاء علوم کے حق وغیرہ اور دیگر علوم سے زبانوں سے بارکب زبان نے علم اسلامی کے موضوعات کا علم اس کے دوس کے کا مدرجے کا سلام کے وشائع زبانوں میں اس کے آگاہی ہوگی اور ان کے نمائندہ واجبات واعتقادات اور علم اسلامی سے واقفیت ہوگی اور ان کے کا نظام لائے جائے گا	• دعویط سلام علوم اسلامی اور ماکمیت علوم کے کردار اور ان کے زندگی کے دوران کرنے کی اسلامی علم کا اطلاع • انجام اسلامی علوم کے نمائندہ علوم اور ان کے کا اطلاع • رحجانی اسلامی علم کا اطلاع
M.A Islamic Studies	Arabic Language & MAIS312DST	اس کورس کے ذریعے عربی زبان کے بارکب زبان نے اسلامی دوران اس کی وخلان نگاری کا علم حاصل ہوگا واجبی علمی الفاظ والاصطلاحات کے بارکب وہ فہم سے اس کے ایم جی واقفیت کے دوران اس کے طرف قابل ضرورت روح عرکب کے سے گا	• اسلامی ادبیات کے بارکب زبان نے زبان سے واقفیت • بنیان عربی ضروری بارکب زبان کے اسلامی ادبیات • اسلامی اطلاع عربی واقفیت علمی الفاظ والاصطلاحات • اسلامی امید سے ضروری کا نظام اس کی
M.A Islamic Studies	Islamic Beliefs, Rituals & Obligations & MAIS313DST	اس کورس کے ذریعے علم اسلامی کے ذریعے نظام واجبات کا اتمام وہ انجام واجبات اور انجام واجبات سے واقفیت ہوگی، اس طرح وہ نظام اللہ، دیگر کے واجبات اور زندگی دیگر داری کے کفایت انجام آداب سے آگاہ ہوگی	• سلام کے ابدی واجبات نظام واجبات، رکن، آخرت، قیامت، آجامی بنانا اور دین کا اطلاع علم • اسلامی ابادات: نماز، روزہ، زکاة، حج اور ان کے علمی سے واقفیت • واجبات ان دین، والدین اور اولاد کے واجبات، ازدواج واجبات، یدری واجبات اور زندگی دیگر داری کے واجبات اور زندگی دیگر داری کے آداب کا اطلاع علم
M.A Islamic Studies	Islam and Modern Trends & MAIS411CCT	اس کورس کا دورس کے ذریعے علم اسلامی علم موجود رحجانات، اہم انجام اور رعموف اداروں سے آگاہی حاصل ہوگی، نیز ان کے نمائندہ لائے جائے گا، اس طرح ان کے دوس کے ردپ کو بارکب اور دین کے واجبات احیاء واقفیت ہوگی	• اسلامی دانش نظام موجود رحجانات اور نمائندہ ورلگی اہم اخبریت کا اطلاع • رعموف سلامی علم موجود رعموف اداروں کا اطلاع • جی دور نظام رعموف نمائندہ احیاء اور علم اقدار نظام
M.A Islamic Studies	Islam in Modern Age &	اس کورس کے ذریعے علم دورس کے رخ، ان کا واحوال، اس کا کا اور ان کے علم اسلامی علم واقفیت ہوگی آگاہ ہوگی۔ رعموف نمائندہ احیاء اور لاشائل اقدار کے امکمل، کندک اور ان سے	• علم اسلامی اور علم اسلامی وزنں کا اطلاع، زندگی ان کے دوران اور اس سے واقفیت کا اطلاع

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	MAIS412CCT	رطح وجہ رشتہِ قائم مکمل اور وطن اللہ نے مد امم کل نے ہم املسم مورں کد دیم گوج ی رخ کا اور اوحال و اسہل کئ ک کو خیلات وائے؛ زن اہم نئ طرف کے کف اخ م اہل با اور اس سے سرج سے اسہل کئے سے آ گ کو وائے د	• کاندا اوراکان کد دج کمس رخ دا اور واں ے د م اوحال ا کا طمہ عل • وجہ رشتہ قائم اللہ نئہ اور وطن اللہ نئہ کے امم کل رنظم امسم مورں ئ رخی امت ا کا طمہ عل ک ن وج • امم پہ اطراف کد ہالت اور امہ اطخری کے اوحال واسہل لنا کا طمہ عل • •
M.A Islamic Studies	Indian Muslim Thinkers and Movements & MAIS413CCT	اس وکرس نئ ک در س پئے کے ذرعی دہ و اسین نہم املسم مورں کد وشہمر رکنی ائے خنت، املسم مورں کد رع معوف رہ لاکت، ان ک ادارں وومہ ظئس اور امسم عل ک رع معوف رہ لاکت کے ادارں وک نے سے نہ کد کرگئ ور ظ او امت کے اوح لے لے سے آ گ کو وائے اس طرح آزادی نہ کم املم مرح ہالت اور امہ ئی امت سے آ گ کو وائے گ ۔ ج ک	• دہ و اسین ک رع معوف رگ دں ئ ک رظ ن نت اک اطمہ عل • دہ و اسین املسم مورں کد رہ لاکت اور وشہمر ادارں وومہ ظئس زن وشہمر نہ ماعت ادارں اک اطمہ عل • آزادی ک کد ج وود جن نہ امسم مورں ی ک ج امت اور ان کد کر رہ لاکت ا کا طمہ عل
M.A Islamic Studies	Islam and Interfaith Studies & MAIS411DST	اس وکرس سے ک ذرعی در س سے ک طالو کو دور سے سے نا ، ہ ے س واہنفائج حل صل ہو ند شہو نا ، ک در ائن رشتہ ک ابدوں اور اپنے ک نم ک اصولوں وک ن دی سے گہ وئی اور ت زن درگ نا ، ہ ے س کہ ب آ گ ک احص ص وک دیگا اور ذہب آزادی کے وبہ تر کد مہ لات ترک ئے نائے گ ۔	• اسلام اور ذہب نا ہ ہ ا کا طمہ عل، نا ، ہ ے ک در ائن رشتہ ک ابدوں اور اپنے ک نم ے ک اصولوں ا کا طمہ عل • واہد کے ک اعبا اعنت اک انح ترف اور اطمہ عل • در گ نا ، ہ اور ذہب آزادی کے وبہ تر اک اطمہ عل
M.A Islamic Studies	Arabic Language & MAIS412DST	اس وکرس سے ک ذرعی نہ عرب زن ن نہ دس اس دح وخ لان شا د کا لمں ح ہپا وا جری کئ ا کہ اہم الفاظ وا طاص احت کے ب ارتب ی وک فہم سر ام ج کم ہا اور ب ریان ا کو دیں سے سے ب ق رض ورت ت جوع ک رک سک ۔	• العرائم ت کے وج ب لاہ ب ب رتب زن ن سے س وافق زن ن پہا ان ئ رض وری ب رتب زن ن کد جار ئن ن کہ ک وا اور اہم ک اطمہ عل وائ زئح نہ ہم ب رتب الطص احت واجامع سے س وافق وں اور ب رتب امہد سے رض وری کد اہم عل در کی ی سک ح کی
M.A Islamic Studies	Research Methodology in Islamic Studies & MAIS413DST	س وکرس کے ذرعی ک لط اب اق زئح ک انوع م ووا اہم، اق ہ دص اور رظ ن نت، زن، اق زئح ن ک رطاؤ ، اکر ب س آ گ وں ہ ے گ اور اسکم اطمہ عل کے ادشن ت کے رہ نم ائ وج کد دورے کے راجم ت ووم رض اع ت ک ماہت اسکم ائ سئ کے اما زئح ن ادارں وں اور الرب کہ ئ نئ س سے ہب وائ ئ وائے گ ۔	• زئح ک ولمہ کے صد، اقہ دص، رظ ن نت اور انتہا سے س واہ نت قی • زئح تی ک راجم ہا اور رظ ن رہ ن کے ب س آ گ ک • العہم نم طاعل ت کے رانت اور رض وری حجن ن وومہ رض اع ت سے ے س واہ نت قی
M.A Islamic Studies	Fundamentals of Islam & (continued)	اس وکرس نا در س ترس یے کے ذرعی کہ طالبانہ اسلام کے ابدی نہ ای دے س وافق وں گے، اور اسلام کے اراکن کے ابدی نہ ج م کد کہ ج میں نے وائے گ، اس طرح ق آن، اس	• اسلام کے ائ دی اور اراکن اور ان کے زن ن ک اک چہم اک طلاع • قئن اور اس کے اصلین نہ م نہ دہ زن ن دح ن اور ا کا

Program	Course & Code		
	PGIS201GET	یادتونی اور اس کے اضامین کے زین دجکی، اس کے اضامین اور وشمیں سنگ دجکے سے آگوں ہیگ؛ زین دباوا اس نکدو ماسم ریامس الے کد ونائع اور اللبحے کوقآن کن ایاح، الطق اور نمات سے سوقائق ہوں گے گ۔	دجکے اکاعنت رفظاطمعل • رئیت ونبری ﷺ اککامااناطمعل • دباو اس نن نکدم ایسم ریامس الے کے تحت الدجح، الطق اور رنمات سے کا اکدجم اکاطمعل
M.A Islamic Studies	Introduction to Islamic Mysticism & PGIS301GET	اس وکرس کے ذریعے الامااومپنف کے آغز وارائنہ، اس کا کدام الااطصیاحت ت، زین دعوونط سنرے کا وشمیر وصیافہ اور اس دور کدکام پندکووصپنف کے کا عنرفی سے والا اجارائے گ، اس طرح وصپنف کے وشمیر ولیایاس اور دباو اس نے وشمیر وصیالاعی امت اور سرورلایپسوایاجائے گے۔	وصپنف، اس کے آغز وارائنہ اور اس کدا الاطصیاحت اکاطمعل • دع ونط نس کے وشمیر وصیافہ اور وشمیر سنگ وصپنف اکاطمعل • دباو اس نے رعموف وصیالاء ندکج امت اور وصپنف کے کو لایاس اکاطمعل
B.A Islamic Studies	Seerat, Pious Caliphate & Umayyad Period & BAIS101CCT	اس وکرس کے ذریعے برب کے اجدل جامع اور رئست ونبری ﷺ سے ریامن وان انق وات نئگ ووگ، الخیرئ رادشنی ند زندبنگ ند انجت ولر ومپن اس اجمج کدص پمرو نت اتس سے آگدوانگ، اس طرح جاومی کے انام، امار مجاونن کے کاواحل، اس وکدج کے کدمظن وقسم اور ماانا واحل الکدم عدواانگ۔	برب کے اجدادور اکاجدل اطمعل اور رئست ونبری ﷺ اکاطمعل • الخیرئ رادشنی ند زندبنگ ند اکر نیمہ زین الخدرداداکاظنیموجم لا ناطمعل • اومی وولہ کی امرمکاونس ننطمہ وولح اور اجمج امت اکاطمعل
B.A Islamic Studies	Abbasid Period and Pitty Dynasties & BAIS201CCT	اس وکرس کے ذریعے اہلا وک اجئدیس وولح کے امم رمکاونن کے کاواحل، اطنمہ وولح، کداماعرائنہ، زین اللابہ، ونئن فرائنہ، ایک سوانات اقول، اس طرح اطنمہ کج، زلاید وولح، ریلاید وولح اور اولام کے طرح کے اجمج امت اور دمتن ایاوحال اس سکہب سے آگدوانگ۔	اجئیہ وولح، اس کے امرمکاونن ریاس اور اس دورے کدمظن ونسین، ماجمع امت، ونف رنفیننت اور ونئن اطلابہ اکاطمعل • انکمطت ونصیرت اور وولامک وکج وینس کے اطنمہ ماجمع امت اور دمتن نئگ ایاوحال اکاطمعل
B.A Islamic Studies	Faith, Quran and Hadith & BAIS301CCT	یہ وکدرس اہلا وک الاسمم کے ایبئدہ ا س کے اراکن اور زندناگ ربا ریادات کے ایات نے، اس طرح وئمپ، دتون نق آن اور قآن کے امانی اصلایانت سے آگارکرک، زین نف رئنب نے الدام جمع اور انن ان دروف کے ماہتدج کے دجکی، اس کے دتون، الدج کی ادام، نقل منکدم زین وئمہ دبن الدج کے اداور وی ومج نے الدج کے آگارکرک گ۔	المکانات ایبنہ اولبدت اللبہم اور اراکن اللبہم اکا طمعل • قآن ند کدونی اور اس کدا الامپنت سے زین رئیان قآن اکا رائنہ اور انجم اریابجم رئیباننااکاطمعل • الدج، اس کدت ونی اور الدج کے کدم اناکوئس اکا عنرفت ناطمعل •
B.A Islamic Studies	Fiqh, Tasawwuf & Ilm-e-Kalam & BAIS401CCT	اس وکدرس کے ذریعے فنقہ اسلابم کا رائنہ، نائنفی اسلابم کل باوت نائع اور دباو اس نے ریاد ماجم فج امت سے آگدوانہ گا، اس طرح ای وکدرس پنف کے آغز وارائنہ، رعموف وصیافہ، وئمپنف، ونئمر الایایان اور دباو اس نے ندکم وئمپنف کے امام ہاس نے سوانائق اور زین، ونئمر الکما کا عنرف اور ونئمر الکما کے ندمرام نرنام سرول رائنہ سے کا سرک ایاکا گا۔	افنال اسکیماور اس کے اراینہ، امابایف اسپکل پناتائج اور دباو اس نی ذبقنی امت فج امت اکاطمعل • وصپنف کے آغز وارائنہ، رعموف ادایئی وصیافہ اور وصپنف کے عابم اور وئمپنف کدا وشمہر اینکوئن کاعنرف • منایکہ کی رخ دا اور وشمیر مدرن ندماکنا کداطمعل کن

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Program	Course & Code		
B.A Islamic Studies	Islam in India & BAIS501DST	اس ویک درس کے ذریعہ دیہوانسین کے ماہت ۔ہروس کے اردو میں وۂمن اور مذہبی رواداری کے سے آگ... اس طرح اسلام دور ویۂ کے مظن وۂمن اور مذہب احالت زۂ آزادی... امت تۂکن...	• ہرب ووۂ اردپیۂت اور دیہوانسین رنۂ السم پاآدم کا طم پۂل • دلاۂ نطۂلس اس کے مظن وۂمن اور دمشن وجام کا ویۂ حال زرۂپ برواداری کا طم پۂل • الۂپ دور ویۂج کے مظن وۂمن اور ہک ب احلت کا طم پۂل • آزادی نۂ ام السم ورنس کۂک امت اور ماسم رحالکت کا طم پۂل
B.A Islamic Studies	Muslim Spain & Ottoman Period & BAIS502DST	اس ویک درس کے ذریعۂ ادن سل رنۂ د ام السم ورنس پاوکۂ اور ... ج امت زۂپ پ رپ اس کے کایات کے سے وات اۂق ویۂ... اس طرح امۂۂنت نطۂلس، اس کے مظن وۂمن، لار شۂت اور کۂم اور رۂم ونۂ کۂ ج امت کے سے آگ کۂ ویۂۂ	• ادن سل نۂم ایۂلم السم ورکۂ اور اس کے کۂ مظ نۂمن زنۂ وۂوم ورنس ک... امت کا طم پۂل • ایۂن ایۂنت نطۂلس، اس کے کۂ مظن وۂمن، جامۂج زنۂ اس ک امۂ امت اور اۂرف رۂم تا کا طم پۂل
B.A Islamic Studies	Movements, Institutions and Thinkers & BAIS601DST	اس ویک درس کے کۂ امۂنت کے سے امات اطا نۂن ام نۂن ماسم رحالکت ام ایۂم ورنس کے کر مۂوف نۂ امۂنۂ اداروں اور اۂ نۂ کۂ ک اۂمۂنۂ اۂۂۂت کے کن رے کن رے سۂۂ نۂ دوات اۂق احال صۂ ویۂکۂ ۔اۂ س طرح اۂ عم ل السم کۂک ... وانۂم ررحۂ نۂلات اور ان کۂ ک ج امت کے سۂ ہب آگ کۂ دا حل صۂ ویۂکۂ	• دیہوانسین کۂ کام پۂ ماسم رحالکت، رۂع ووف نۂ مۂ ون ونۂ ظۂت اداروں اور ام اۂ اۂۂت ورکۂ فۂ دی اک طم پۂل • اۂ عم ل السم کۂک امۂ ررحۂ نۂلات اور ان کۂ ک ... امت ک طم پۂل السم رنۂ م اۂع نۂم ماع اک وۂ صۂ تر اور غۂلوم نۂ قۂلۂ رنۂم
B.A Islamic Studies	Muslim Contributions to Sciences and Arts & BAIS602DST	نۂ ویک درس کۂ ک السم نۂ دمۂ لۂع کے وۂمن رے کۂ ماہت کۂ لۂۂع وۂۂ غۂلوم رنۂم ان کۂ ... امت کے سۂ واقۂ زۂک اک... اس طرح جامۂ ی ک و نۂ نۂ اور مۂ اۂبۂ وم کے کۂ ام وۂۂۂ نۂں عۂلۂم ایۂم ورنس کۂ غۂلوم نۂ وۂۂ نۂ نۂں رکۂ کۂ اک، زۂپۂ نف رۂمۂنۂ اور ایۂۂ نۂ اۂلاس نۂم ایۂم ورنس کے مۂم اۂ نۂ آۂ کۂ ک کۂ کاک نۂر	• ماسم ورنس ۔۔۔ امت کا طم پۂل ۔کۂ ج • جامۂ ی غۂلوم اور ما کۂ پۂۂ غۂلوم رنۂم اۂ ماسم ورنس کۂ امت کا طم پۂل • رۂف رۂمۂ کۂ اور وۂن نۂلطل رنۂم اۂ ماسم ورنس کۂ امت کا طم پۂل
UG Islamic Studies	Islamiyat-I & UGIS101NCT	اس ویک درس کۂ ک دن رۂ س کے سۂ ام اۂ الۂ مۂ دی اۂ ات اور اۂبۂ دات کے کۂ رۂ مۂ پۂ اۂلۂ جۂ مۂ سۂ واقۂ اور اۂ جۂئۂ واجۂئۂ ویۂکۂ ۔اۂ س طرح قۂ آۂن کۂ اۂ عۂ نۂ رف اور ... نۂ اۂ پۂ وۂ روۂ نۂں کے کۂ ام جۂ کۂ س آۂ کۂ ویۂکۂ	• اۂ مۂ اۂنۂ ت اور اۂبۂ دات کے کۂ رۂ مۂ خۂ ام اک جۂم اک طم پۂل • قۂ آۂن کۂ اۂ عۂ نۂ رف اور رۂج ۂ وۂ سۂ دۂ رۂنۂ ں کا طم پۂل • رۂبۂ ت وۂ پۂ ی ﷺ اور دۂ حۂ کۂ اک اۂبۂ دی اۂ عۂ نۂ رف
UG Islamic Studies	Islamiyat-II & UGIS201NCT	اس ویک درس کۂ ک دن رۂ س کۂ ی کۂ السم اۂ الۂ اۂ ورۂ کۂ رۂ اۂ کۂ اۂ رۂ سۂ اۂ لۂ تۂ اۂ کۂ رۂ اۂ ہۂ ت وۂ پۂ ی ﷺ اور جۂ ح کۂ اک اۂبۂ دی اۂ عۂ نۂ رف اۂ دۂ لۂ ص واۂ لۂ کۂ : زۂ نۂ اۂ و جۂ اۂ مۂ ج رنۂم اۂ ج وۂ اۂ دۂ لۂ نۂ ی، وۂ ش جۂ وۂ پۂ ی، رۂ اۂ م دۂ ار، زۂ پۂ وۂ وۂ سۂ اور نۂ ۂاۂ وۂ م السم کۂ وۂ ئۂ ج قۂ س کۂ اۂ وۂ اۂں ... اۂ س طرح خۂ اۂ روۂ سۂ رۂ وۂ نۂ ں کے کۂ ام جۂ کۂ س کۂ اۂ پۂ ان وۂ اۂ ت اۂ اۂ قۂ وۂ ویۂکۂ	• واۂ لۂ دۂ یۂک، رۂ اۂ ش دۂ ار، زۂ پۂ وۂ وۂ سۂ اور رۂ نۂ غۂ وۂ پۂ لۂ سۂ م کۂ وۂ کۂ وۂ جۂ نۂ سۂ آۂ کۂ ک دہ • خۂ روۂ سۂ رۂ وۂ نۂ ں کے کۂ ام جۂ کۂ س آۂ کۂ ک
UG Islamic Studies	Introduction to Major world Religions-I &	اس ویک درس کۂ ک دن رۂ س کے سۂ ام اۂ الۂ وۂ ... دۂ بۂ دھۂ مۂ ، نۂ ی ... اور رۂ ہۂ کۂ اۂ بۂ دی نۂ رۂنۂ ں، اۂ زۂ عۂ دۂ ئۂ وۂ پۂ نۂ اور انۂ کۂ اۂ وۂں اور انۂ کۂ سۂ واقۂ	• ہۂ وۂ م کے اۂ زۂ عۂ دۂ ی، لۂ پۂ ی، روۂ سۂ م اور انۂ کۂ وۂ ں وۂ قۂ وۂ بۂ اۂ کۂ اۂ عۂ نۂ رف • رۂ نۂ ج ۔۔۔ دۂ بۂ دھۂ ، نۂ ۂ کۂ سۂ ، اور ... اۂ کۂ اۂ عۂ نۂ رف

	UGIS102NCT	ن اک ق ب سن ندار نے گ۔ ا	• وحدت ت اور ربان من ان نے کن م اک کم ران اور وحدت ان
UG Islamic Studies	Introduction to Major world Religions –II & UGIS202NCT	اس و کر س سے ساراوند ، اور اب تا ، ہ ک اب دکن نے س ی آ کوں ے گ، ز رو حدت ال، وحدت ن ت اور رپ ان م ان نے کن م اک کو م ان ع نا نے گ۔	• ہند کے ک ازع دی، اک روسم اور اک ب اندکوں ال ع نرف • لپری نئدی، اس کے ان ز دی، اکب ر روسم اور اک ب اندکوں ال ع نرف • ماکم نا ، ہے کے اندر وحد ت ان ن ت اور رپ ان م ان نے کن م اک کم ران ت
Diploma in Islamic Studies	Aqeeda & Ibadat & DPIS101CCT	اس و کر س کد دنت ر س کی سے اراط االسم کے از پؤک ک میان اح اص رک ری کے گ، زان االسم کے دار اکن اور اس کد اب دا ت کے ک رض وری اس م ل ک نوا اکم نوڈ اج ن ن ان سے گ۔	• االسم کے از عد ک اکا طم ع ل و میان • االسم کد اب دات اور ان کے اس م ل کا کد کم ران •
Diploma in Islamic Studies	Translation of Quran & Quranic Arabic - 1 & DPIS102CCT	اس و کر س کد دنت ر س کی سے ساراط آن نے سے سق ان ماکم رض وری ران ب ار کا رم ن لگن دا سے گ، ب اربار اال ظ کے ک اذ رنح اک کی ذرنح اج ن ن ان سے گ، زان ق آن کد خ ہوو سر رپ ان اک کی م ج اج ن ن ال نے گ۔	• ضی ور ک ربن ربر گار م یک د در س ک • ق آن رک کی کد خ ہم و سر رپ ئن ے ک ک ہم ج اک اط م ہ ب ل •
Diploma in Islamic Studies	Fiqh & Seerat & DPIS201CCT	اس و کر س کے ک ذر نح اک رس ت ورن ی کے ک رض وری اس م ال ر نس ت ورن ی صلی اللہ علیہ وسلم کے س واق ف وں ے گ، ز ان ا عن اک ز د نگ کے ک رض وری اس م ال ر نح، ال طق ور کم نا نے س وا نا زون نے گ۔	• ر نس ت ورن ی صلی اللہ علیہ وسلم کد نک اور دہ ن ز د نگ اک اط م ہ ب ل • االسم کے وق ن اک نرح، ال طق اور ر نا ث کے اس م ل نا کا طم ہ ب ل
Diploma in Islamic Studies	Translation of Quran & Quranic Arabic – II & DPIS202CC	اس و کر س کد دذر نعاب اط آن نے سے سق ان ماکم رض وری ب ار کا رگ ار م نا ہب ں دا سے گ، ب ران االل ظ کے ک ان نے س آ کوں ے گ، اور ق آن رک کی کد خ ہو و سر رپ ئن ے ک ک ہم ج اک اط م ہ ع ل ارک ن ن نے گ۔	• ضی ور ک ربن ربر گار م ئن کد در س ک • ق آن رک کی کد خ ہم و سر رپ ئن ے ک ک ہم ج اک اط م ہ ب ل

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Diploma in Islamic Studies   Programme Outcomes

- Diploma in Islamic Studies program prepares students to understand the basic teachings of Islam and enabled them to comprehend to some extent the Holy Quran directly and use it in teaching in Islamic Studies in schools and using as a profession in their professional career.

Diploma in Islamic Studies   Programme Specific Outcomes

The students shall be able to

1) Acquire knowledge of Basic Islamic Rituals and Teachings.

2) Play a remarkable role in the harmony and progress of the society and humanity.

3) Enable to understand and read Quranic Arabic.

4) Develop intellectual capacity to comprehend the commandment and guidance of the Holy Quran to humanity for peace.

Diploma in Islamic Studies   Course Outcomes

Semester:1 Course Title: **Aqeeda & Ibadat** Course Code: **DPIS101CCT**	**Course Outcome**: Upon the completion of the course, students are expected to have learnt about the Basic Islamic Principles its Sources and aware of Islamic Teachings and rituals.
Course Title: **Translation of Quran & Quranic Arabic-1** Course Code: **DPIS102CCT**	**Course Outcomes**: Upon the completion of the course, students are expected to have developed the language learning skills in Arabic, and they should learn how to translate the Holy Quran.
Semester:2 Course Title: **Fiqh & Seeret** Course Code: **DPIS201CCT**	**Course Outcomes**: Upon the completion of the course, students are expected to have well-educated relating to the basic information of Islamic Law and Prophet Muhammad's biography.
Course Title: **Translation of Quran & Quranic Arabic-II** Course Code: **DPIS202CCT**	**Course Outcomes**: Upon the completion of the course, students are expected to have advanced and enhanced the language learning skills in Arabic, and they became able to translate the Holy Quran.

Department of Management & Commerce

Programme Outcome:

The programme under the DMC and the SCBM runs choice (CBCS) for UG and PG course as well.

PO for UG (B.Com)

The outcome for UG course is to ensure that students are able to get themselves absorbed in the field as well as ready for taking admission in PG courses. They are equipped with skills of Accounts and Finance that helped them in securing position in Profession.

Programme Specific Outcomes

PSO1 : To understand the principles and concepts of Accountancy, Auditing and Taxation and their application.

PSO2 : To understand the principles and concepts of Costing, Management Accounting and their application.

PSO3 : To understand the basic knowledge of computer and its application in Business.

PSO4 : Fundamentals of management and law relating to company and commercial activities.

PO for PG (M.Com):

The PG course outcome moves around for tuning the skills & knowledge of the students to become future Managers/Administrators in business entreprises & are also able to set up their own enterprises

To make the students able to apply their knowledge in the fields of Taxation, Accounting, Auditing, Costing and Finance

Programme Specific Outcomes

PSO1 : To get themselves absorbed in the changing environment of Trade, Commerce and E-business.

PSO2 : To apply the concepts of accountancy in practical business world.

PSO3 :To apply the fundamentals, concepts of auditing in solving practical problems.

PSO4 : To apply the basic knowledge of computer and its operating system in business.

PSO4 : The application of knowledge of statistical tools in business, commerce and industry.

PSO5 : Fundamentals of law relating to company and commercial activities.

PSO6 : To enrich the knowledge in banking field.

PO for PG (MBA):

The outcome of the MBA is that the students are becoming future managers and entrepreneurs. They are getting themselves equipped with all the knowledge and skill sets that helps them in getting absorbed in business and industry.

The students are able to apply their knowledge in the fields of Finance,HR,Marketing, Operations and Entrepreneurship

The students are able to apply knowledge to solve practical business problems

To prepare the students such that they develop ability to apply conceptual knowledge to be able t decision-making problems.

Program Specific Outcomes (PSO)

PSO1: Students should exhibit their knowledge of management principles.

PSO2: Students should demonstrate their critical-thinking and problem solving skills.

PSO3: Students should manifest their leadership qualities.

PSO4: Students should prove an awareness of their own values.

PSO5: Students should show a sense of responsibility.

PSO6: Students should evince their ability to recognize when change is needed, adapt to change.

Ph.D Management

Programme Outcome

- The learner will be able to define research problem in the field of Management Research.
- The learner will be able to test the hypothesis with the help of different statistical tools.
- The learner will be able to write research report.

Programme Specific Outcomes

- The learner will be able to find research areas in Business management.
- The learner will be able to define research problems in specific areas.

Ph.D Commerce

Programme Outcome

- The learner will be able to define research problem in the field of Commerce.
- The learner will be able to test the hypothesis with the help of different statistical tools.
- The learner will be able to write research report.

Programme Specific Outcomes

- The learner will be able to find research areas in Commerce.
- The learner will be able to define research problems in specific areas.

Department of Mass Communication & Journalism

Department of Mass Communication and Journalism
B. A. (Hons.) JMC

Program Outcome	**PO 1** - The B.A. in Journalism and Mass Communication course is designed to provide overall and in-depth knowledge about Journalism and Mass Communication to the students. It provides students with an opportunity to critically explore the ways in which world of communications operate in international and national contexts.
	PO 2 - The emphasis of the course is on the subjects of Journalism and Mass Communication but the course also intends to introduce Students to practical experience and knowledge across the other related mediums. Students learn the way content is generated and used in the multi-platform and digitized environment of media industries. They also trained about the new media techniques in order to understand the processes of production, distribution, marketing and consumption.
	PO 3 - The course enables students to develop their own focused area of interest. Their work-related experiences can potentially lead to a broad spectrum of cultural, media-based and artistic activities from communication to newspaper, radio production & television journalism, digital web production, E-content writing, and public relations and corporate communication to advertising.
	PO 4 - The primary and foremost goal of the course is to train the students in such a way so that they can acquire knowledge, skills and leadership quality to contribute in different trades and crafts of all forms of media.
	PO5 - Provide comprehensive knowledge and skills so that student can work in the field of Print, Electronic and Digital media.
	PO6 - Elicit views of others, mediate disagreements and help reach conclusions in group settings.
	PO7 - Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and

participate in civic life through volunteering.

PO8 -Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

Program Specific Outcome	**PSO1:** Students will acquire a functional knowledge of the emerging trends of the media industry. Understand the nature and basic concepts of communication, journalism, advertising, corporate communication, electronic media, new media and create research-driven communication campaigns that accomplish organizational goals. **PSO2:** The ability to embrace convergent media by shooting video, making photographs, and writing for and posting to the web. **PSO3**: Students will develop communication skills, appreciation for creativity, critical thinking, and analytical approach. **PSO4:** Analyze the contemporary media scenario in association with socio political environment in India and its relationship with other nations. **PSO5:** Understand the nature and basic concepts of communication, journalism, advertising, corporate communication, electronic media, new media and communication research **PSO6:** Analyze the contemporary media scenario in association with socio political environment in India and its relationship with other nations. **PSO7:** Understand the applications of communication theories, research in the fields of advertising, corporate communication, electronic media, print and new media **PSO8:** Students can also go for further higher degrees after it and for job promotions and increasing educational qualifications.

Course Title	Course Code	Course Outcomes
Semester - 1		
Introduction to Communication	BJMC101	Through this course, the students get to learn about the basics of communication and the major concepts/thoughts related to

&Media		mass communication.
Introduction to Journalism	BJMC102	The outcome of this Paper are to make Capable to Students to get entry into Media Industry as a Fresher as trainee Journalist after completing this Paper Students will be able to Understand about Basic of Print and Electronic Media and its Different responsibilities. Students will understand the basic of Journalistic Skills.
Semester - 2		
Television Journalism	BJMC202	Students will produce basic news stories (news packages) and how to edit news stories on computers. They will produce news shows that feature their news stories and projects related to news (commercial spots, music videos, PSAs, promotional pieces, and graphical introductions and transitions, etc.) Through the practical based learning students will become acquaint with the best traditions and practices of Television Journalism. The Student will learn how to self-shoot and edit a TV package, how to present on television; how to report, how to interview, how to use a TV camera and how to produce and direct it.
Health Journalism	BJMC201	The paper will assist the students to understand healthcare system and familiar them about basic understanding of health journalism. As well, this paper will train the students to report and write healthcare issues with the scientific manner.
Social Media	BJMC204	The Learning Outcome of this Paper will be to make students capable of using different social media such as Face book, Twitter, YouTube, blog, etc. after completing this paper students will be able to know interactive features of digital and social media, downloading, uploading, sharing, its impact on society and negative effect of social media on society.

Semester - 3

Print Media& Production	BJMC301	The learning outcomes of the paper are to make students understand the basics structures of simple but effective writing techniques in the English language. Students will be able to demonstrate their creative writing skills
Media Ethics & Law	BJMC302	The learning outcomes of the paper are to make students understand the basics of Indian constitution and its important features. After completion of this paper students will be able to understand about Executive, Legislature and Judiciary system. Students will also able to know about laws and ethics related to mass media
Basics of Radio Documentary Production	BJMC304	After completing a student may be to produce Radio programme and able to utilize equipment and conversion of Idea to sound

Semester - 4

Advertisement & Public Relation	BJMC401	In view of the expanding horizons of the field of advertising and this course should enable students to understand the working of advertising, its role in the process of marketing, communication, public relations and the government
Radio Production	BJMC402	Through this course the students would be able to have a basic understanding of Sound, the sound wave, the basics of Radio technology, basic experience of operating audio equipment etc.
Introduction to Film Making	BJMC404	Through this course, the students get to learn about the basics of film making and the major concepts/thoughts related to Films.

Internship of one month after fourth Semester examination i.e. during

summer vacations (4 credits)

Semester - 5		
Development Communication	BJMC501	The outcomes of this paper are to make understanding among students of several aspects of developments. The students would be capable to understand several developmental schemes, policies and programs of government and non-government organizations.
Communication Research	BJMC502	The learning outcome of this paper will be to make the students capable to undertake basics research, use tools of research, and understand basics statistics and ethical perspective of research.
Photography	BJMC503	On successful completion of this course, the student will be able to understand the digital photographic and its processes. They will demonstrate and apply an advanced understanding of the basics of photographic techniques, students will equip with job oriented skills in still photography.
Introduction to Cinema Studies	BJMC504	Students will be well conversant with the rich history of the medium, recognize its struggle to come on its own as a form of entertainment
Translation Technique for Urdu Media	BJMC505	This paper is design to help students to understand and develop the qualities of a Translator. Students will have a critical understanding of the norms and practices of Journalistic translation.
Basics of Video Documentary	BJMC506	Students will know the basics techniques of Documentary Production, how to generate an idea, script writing and visualize it. They will be able to make a documentary proposal and will understand the ethical considerations as a documentarian. Moreover they will be able to know how to plan and research a story, identify and secure interviewees

		and how to shoot and edit the documentary film.
Visual Culture	BJMC507	Through this course the students will be enabled to understand the various processes of 'seeing' in a social setting. Through examples of different visual environments, the students will understand the visual culture within larger themes. They will know ways of looking at all things visual.
Semester - 6		
Media Research Project	BJMC605	The Learning Outcome of this Practical Paper is to make Students Capable to Understand and carry the Short Research related to media issues. After completion of this paper students will be able to do basic research work in any Media Organization.
Graphic and Design	BJMC 601	Students will learn about the graphics and design and be made to equip various techniques related to software. At the end of this course they will acquire a broader knowledge and perspective about the global animation business
Human rights and Media	BJMC 602	Human rights as a subject is a natural complement to studies in political science, philosophy, international relations, social work, journalism, history, development studies, and sustainability. This should be helpful to students looking to work in the field of human resources development, charitable institutions, and government agencies.
Mediated Identities	BJMC 603	Through this course the students will be able to know what identity is. How a human being is made aware of his/her identity in a social setup. The student will also be able to understand the role of media in the construction of identity.
Digital Media	BJMC 604	The Learning Outcome of this Paper will be to make students capable of using different social media such as Face book, Twitter, YouTube, blog, etc. after completing this paper

		students will be able to know interactive features of digital and social media, downloading, uploading, sharing, its impact on society and negative effect of social media on society.

M. A. (JMC)
Program Outcome	**PO1**: The aim of the M.A. (JMC) program of the Department of Mass Communication and Journalism is to offer students an opportunity to develop the knowledge, theory and skills that will assist them in securing employment in the broad field of Mass Communication and Journalism. **PO2:** Demonstrate knowledge of theoretical and empirical bases reinforcement the construction, implementation and interpretation of communication theories, practical understanding of various aspects of mass communication, demonstrate skills required to participate in, design and implement research projects and discuss issues and ideas which provides students with an opportunity to critically explore the ways in which world of communications operate in international and national contexts. **PO3:** Analyze critically, independently and creatively identify and formulate cases, issues, in form of active listening to interpret the verbal and non-verbal communication cues and interpersonal skills. **PO4**: Assess global issues from different perspectives news gathering and learn the nuances of writing for various formats, to have a comprehensive knowledge about the issues and to acquire skill of the page designing techniques of newspaper, a departmental newsletter titled 'Izhaar' is published by the students which help the students to get a platform to express their talent in reporting, writing, interviewing, photography. **PO5:** Students shall develop ability and inquisitiveness to continuously update themselves with respect to the recent trends in field of journalism and mass communication. The course also intends to introduce students to practical experience and knowledge across the other related mediums. Students learn the way content is generated and used in the multi-platform

	and digitized environment of media industries. They also trained about the new media techniques in order to understand the processes of production, distribution, marketing and consumption.
	PO6 - The syllabus and curriculum provide students with the means to investigate and learn a range of working involving activities from creative production and creation to promotion, marketing and networking. The history, development and research in the media will be analyzed in various contexts. The social values and ethics are in the core of the program. Media professional are being invited and included in Board of Studies/Scholl Board meetings of the Department to take significant input from the industry.
	PO 7: The course enables students to develop their own focused area of interest. Their work-related experiences can potentially lead to a broad spectrum of cultural, media-based and artistic activities from inter-personal communication to newspaper, radio production & television journalism, digital web production, E-content writing, and public relations, corporate communication, Media Management, Digital Photography, advertising and Graphics and Animation focused on student interests and their career goals
	PO 8 - The primary and foremost goal of the course is to train the students in such a way so that they can acquire knowledge, skills and leadership quality to contribute in different trades and crafts of all forms of media, so that student can work in the field of Print, Electronic and Digital media as well as in to academics.
Program Specific Outcome	**PSO1:** To demonstrate course related specific understanding in the field of communication and the meaning and purpose of communication at the individual, group, and societal level.
	PSO2: To evaluate and apply the objectivity and critical thinking for communicating to masses through a variety of mediums such as Promotional Films, Documentary Film Making, Television, Digital, Advertising, PR, Corporate Communication and Event Management, Print Media.
	PSO3: To write compelling content that presents well-organized facts in professional language for News, TV News Stories, Video Documentaries,

fictional stories and writing dialogues and other sequences for Ads, Tele-film and films.

PSO4: Apply broadcast and management skills at the media houses/industries.

PSO5: Accumulating and sequencing thoughts from current event, surroundings, literature and history etc. to interpret and express the content for designated journalistic or video production.

PSO6: Apply production skills in preparation, creation and distribution of content for the news channels.

PSO7: To take up research work/projects related to marginalized and under privileged section of the society.

PSO8: To provide trained and potential journalist for regional media as well as Urdu media.

Course Title	Course Code	Course Outcomes
Semester - 1		
Introduction to Communication Theory	MAJM101CC	Through this course, the students get to learn about the basics of communication and the major concepts/thoughts related to mass communication
History of Media	MAJM102CC	Students will be able to trace the history and development of print and Electronic Media and will demonstrate an understanding of the origins, functions, and evolution of the Urdu Media, News Agencies and development of Radio and Television in India. Students will demonstrate an understanding of the News Agencies.
Print Journalism	MAJM103CC	The main outcomes of this subject are to make capable students to get entry in media industries. After completing first semester study students will be able to write up basic news stories, understand the different elements of news, understand and judge News values in the Society, understand the responsibilities of Media and Media Person,

		understand the nature of Media organization and its working style. And students will be able to articulate the similarities and difference between Reporting and news writing for Print Media, New Media, TV News and News for Radio.
Print Journalism (Practical's)	MAJM150CCP	The main outcomes of this unit are to train students as a beginner journalist. This Practical paper will assist students to be able to report a News Story professionally, to understand Process of Reporting, and get familiar with basic terminology of Reporting & Editing and to understand the needs and uses of computer in reporting, and editing field. Also Students will be able to Sub and Package different types of News, gather different types of News related to Society and students will be prepared to enter as a Print Media Journalist in the field
English Journalistic skills	MAJM104CCT	Aptitude acquired in English Journalistic Skills has broad application in fields as varied as editing newspaper and magazines, working on blogs, creating content for new media, public relations, advertising and further academic study.
Translation for Print Media	MAJM101DS	This paper should help students to develop the Knowledge and understanding. A detailed and systematic understanding of Journalistic translation and interpreting processes based on integration of current research data with personal insights. A detailed and critical understanding of the norms and debates concerning professional practice, interpersonal relationships and ethics in key areas of the translating and interpreting profession.
Digital Photography	MAJM102DS	After familiarizing with the basics of still photographic techniques and students will equip with job-oriented skills in still photography
Semester - 2		
Media Law and	MAJM201CCT	Students will understand the operation of the media and

Society		media practices within their political, economic, cultural and historical contexts. It will help students understand the Indian political, legal and economic system enhancing their competences and sharpening their analytical skills.
Radio Production	MAJM202CCT	By the end of this course the students should be able to know Radio (as a medium) thoroughly. They also must be able to write for this medium. They should also be able to know how to develop ideas, research, write script, give voice over, record and edit the audio. The must also be able to produce programs in different genres of Radio. Through this course the students are helped to acquire skills for the job market in Radio.
Radio Production Practical's	MAJM250CCP	After this course student, will able to develop different types of content for radio. They can understand how to write for radio and can communicate well without visual media.
Television Journalism	MAJM203CCT	Students may able to do news stories/ projects derived from their own creativity. They understand the techniques of field reporting, anchoring, copy editing and to know the aesthetic knowledge of producing current affair TV shows/programmes etc. They can explore their skills and knowledge for a mainstream media as well as regional media.
Television Journalism Practical's	MAJM251CCP	Through the practical based learning students will become acquaint with the best traditions and practices of Television Journalism. The Student will learn how to self-shoot and edit a TV package, how to present on television; how to report, how to interview, how to use a TV camera and how to produce and direct a studio based programme.
Film Studies	MAJM201DS	Since cinema influences nearly every facet of our lives, a sound understanding of cinema prepares students for a wide variety of fields, including, but not limited to Film,

		Television, & Digital Video Production, Film Journalism, Marketing & Advertising, Internet & Social Media, Teaching & Higher Education, with prospects for further research in the area.
Health Journalism	MAJM102DS	The main outcomes of the subject are to make students handy to write and report on health issues. After completing the paper students will equip with the all domains knowledge of health-care system and acquaints with healthcare report writing skills and methods.
Video Documentary Production	PGJM201GET	Students will know the basics techniques of Documentary Production, how to generate an idea, script writing and visualize it. They will be able to make a documentary proposal and will understand the ethical considerations as a documentarian. Moreover they will be able to know how to plan and research a story, identify and secure interviewees and how to shoot and edit the documentary film.
Internship – 2 Credits		
Semester – 3		
Communication Research	MAJM301CCT	The students would familiar with scientific methodology of Mass Media research, research designs, understanding of data collection and its analysis, basic knowledge on qualitative and quantitative research. Further, students would equip with independently design a research approach for a specific Mass Media research issue of their choices.
Web and Convergent Journalism	MAJM302CCT	By the end of this course the students should be able to know Web (as a medium) thoroughly. They also must be able to write for this medium. They should be able to write/edit/hyperlink for web journalism. Through this course the students acquire skills for the ever expanding job market in the field of web media.
Television and	MAJM303CCT	Students may able to do news stories/ projects derived from

Video production		their own creativity. They understand the techniques of field reporting, anchoring, copy editing and to know the aesthetic knowledge of producing current affair TV shows/programmes etc. They can explore their skills and knowledge for a mainstream media as well as regional media
Television and Video production (Practical's)	MAJM350CC	The Student will be able to do lightings techniques required for TV productions, set designing, chroma-keying, Sound recording, on line-direction, Switching, Audio mixing, white balance, exposure, character generator, camera positioning, Multi-Camera Production Procedure, camera blocking of TV cameras in a Studio/PCR, Floor Plan etc.
Media Management	MAJM301DST	This course intends to familiarize the students with the management practices of media organizations, and special characteristics of media organizations.
International and Inter Cultural Communication	MAJM401DST	By the end of this course the students should be able to know about International Communication, the problems, issues and challenges related to intercultural and international communication.
Basics of Photography	PGJM301GET	After familiarizing with the basics of still photographic techniques, students will equip with job-oriented skills in still photography.
Semester - 4		
Graphics and Animation	MAJM402CCT	They will use their knowledge gained through this paper in the field of animation/visual effects/graphic design. The impact of learning will definitely enhance and engage the students to use creativity and imagination in the best possible way with various outlets.
Advertising and Market	MAJM403CCT	Post-Graduates with an understanding of Advertising and Market Research typically enjoy a wide range of employment opportunities in the fields of advertising,

Research		consumer behavior, market research, product and brand management, public relations, retail management, and academics.
Public Relation and Corporate Communication	MAJM404CCT	The main outcome of this paper is to train students with clearly, concisely and strategically writing in range of formats and media. Develop a communication campaign or plan that incorporates the key elements of planning, including situation analysis, strategies, objective, research, target audiences, key massages and evaluation as well as equip with them analytically thinking about communication problems and identify creative solution as per industry demand.
Dissertation	MAJM452CC	They can learn how to do research for a given topic and they can imply methodology to do the research and share their conclusion for the benefit of society.
Film Appreciation	PJM402GET	This paper will allow students to understand, comprehend and appreciate cinema as a form of popular art.

Department of Mass Communication and Journalism
Ph.D (JMC)
Program Outcome

PO1 - Research Knowledge: Apply the knowledge of research in real life situation specifically dealing in media-public interaction.

PO2 – Familiarization with Communication Research - Familiarize the theories in communication research and the various methodologies in such as data collection, data tabulation etc.

PO3 – Usage of Statistical Tools – Familiarize with the different statistical tools and techniques and tests undertaken in communication research.

PO4 – Problem Identification: Identify the areas that are under-represented in communication research specifically in the Indian context related to development. Undertake solution-based research and its application to the

society at large.

PO5 – The Communication Researcher and Society: Apply the knowledge hence derived for the betterment of society, mutual understanding, and for advancing individual rights.

PO6- Application of Research Ethics – Understand the basics of ethics and its application in communication research.

P07 – Life long Application of Learning - Develop the ability to apply the experience gained in research in life-like and everyday situations.

PO8 – Comprehend the different means and mediums of communication such as Advertising, Public Relations, Cinema, Journalism and their growth and evolution over the years.

| Program Specific Outcome | PSO1 – Awareness of the different methodologies employed in communication research besides being aware of the works of different schools of thought in the field of communication research. |

PSO2 – Understand the ecology of the press, the place of press within cultural setup, and as a cultural industry.

PSO3 - Comprehend the ways in which communication processes supplements development and may be harnessed to meet development goals.

PSO4 – Understand both the theoretical & practical perspectives of Public Relations exercises.

PSO5 – Understand the dynamics of the free-markets economics, the consumer, the economy and the place of advertising interconnecting them all.

PSO6 – Understand the evolution of cinema as a cultural industry, the practices of cinema, and the moving image. Appreciate cinema both as art and as an industry.

Semester - 1

Course Title	Course Code	Course Outcomes
Research Methodology	PHJM101CCT	Students successfully completing the course will be aware of the different methodologies employed in communication

		research besides being aware of the works of different schools of thought in the field of communication research.
Media Studies	PHJM102CCT	Students successfully completing the paper will be aware of the ecology of the press, the place of press within cultural setup, and as a cultural industry. The paper will also help students understand film both as an industry and as an auteur driven art, besides informing the students of the ecosystem within which the press is required to function.
Development Communication	PHJM101DST	Students successfully completing the course will be better aware of the ways in which communication may supplement the discourse of development through its functioning and how communication as a process may be harnessed to meet development goals.
Public Relations		Students successfully completing the course will be aware of both the theoretical and practical perspectives related to the Public Relations exercises and outreach programs of Public Relations practitioners.
Advertising		Students successfully completing the course will be aware of the dynamics of advertising created for the markets, place of the ubiquitous consumer within a market-driven economy and advertising's implications through a variety of theoretical perspectives including Liberal, Neoliberal and Marxist.
Television Studies		Students successfully completing the course will have greater understanding about the production techniques used in producing television content but will also be appraised about the history and business of television in India.

Film Studies		Students successfully completing the course will be aware of the evolution of cinema, its roles as a cultural industry, the discursive practices of cinema, and should be able to analyze ways in which meaning is both encoded and decoded in the moving image. Students will be better able to appreciate cinema both as art (created through societal forces and personal visions) and as an industry (driven by industrial practices).

Department of Mathematics

Programme Outcomes:

Programme	Outcome
UG	Acquired the knowledge with facts and figures related to various subjects in pure sciences such as Physics, Chemistry, Botany, Zoology, Mathematics, etc. Analysed the given scientific data critically and systematically and the ability to draw the objective conclusions. Developed flair by participating in various social and cultural activities voluntarily, in order to spread knowledge, creating awareness about the social evils, blind faith, etc.

Programme Specific Outcomes:

Programme	Specific Outcome
B.Sc.	The Bachelor's Degree in B.Sc. with Mathematics as a subject, is awarded to the students on the basis of knowledge, understanding, skills, attitudes, values and academic achievements sought to be acquired by learners at the end of these programmes. Hence, the learning outcomes of mathematics for these courses are aimed at facilitating the learners to acquire these attributes, keeping in view of their preferences and aspirations for knowledge of mathematics.

Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
B.Sc.	**MPCs, MPC**	Calculus	On completion of the course the students will be able to find derivatives & higher

		BSMM101CCT	order derivatives, solve integrals and will be able to appreciate the beauty, power and versatility of calculus by studying applications in business, economics, life sciences and physical sciences.
		Calculus Lab BSMM150CCP	The outcome would be that the students will learn effective use of computer in solving problems from calculus.
		Differential Equations BSMM201CCT	The students will learn the essentials and methods of solving differential equations and PDEs.
		Differential Equations Lab BSMM250CCP	The outcome would be that the students will learn numerical techniques and use of computers to solve problems from calculus.
		Algebra BSMM301CCT	This is the first course in Algebra which will expose students to the algebraic formulism and prepare them for more advanced courses in Algebra.
		Algebra Lab BSMM350CCP	On completion of the course the students will be able to appreciate the Geometry-Algebra connect.
		Real Analysis BSMM401CCT	On completion of the course the students will get a strong foundation to understand essential concepts which are necessary for understanding of Calculus, Complex Analysis, Functional Analysis and Topology.
		Real Analysis Lab BSMM450CCP	The students will be able to construct proofs of theorems and solve problems.
		Multivariate Calculus (DSE) BSMM501DST	On completion of the course students will be able to solve differential and integral equation for functions of multivariable and solve Line Integrals and Surface integrals which are essential for solving problems in varied areas of mathematics such as Fluid Mechanics and dynamical systems.
		Multivariate Calculus Lab	On completion of the course the students will be able to plot functions of single and

		BSMM550DSP	multiple functions, visualise surfaces and find numerical solutions for differential and integral equa t io ns.
		Linear Programming (DSE) Course BSMM601DST	On completion of the course the students will learn various algorithms and graphical techniques to find optimum solutions to problems from diverse areas.
		Linear Programming Lab Course BSMM650DSP	On completion the students will be able to formulate problems and solve them.
		Probability and Statistics BSMM602DST	By the end of this course students should be able to understand the common statistical techniques and terminology; the students will understand the basic principles of probability and their application and get familiar with the common probability distributions.
		Probability and Statistics Lab BSMM651DSP	The students will be able to solve problems and study applications of statistic and probability in various disciplines such physical sciences, biological sciences and economics and business management.

Programme Outcomes:

Programme	Outcome
PG	Developed scientific outlook not only with respect to science subjects but also in all aspects related to life.

Programme Specific Outcomes:

Programme	Specific Outcome
M.Sc.	Apply knowledge of Mathematics, in all the fields of learning including higher research and its extensions. Innovate, invent and solve complex mathematical problems using the

| | | knowledge of pure and applied mathematics. Work effectively as an individual, and also as a member or leader in multi-linguistic and multi-disciplinary teams. | |

Course Outcomes:

M.Sc.	M.Sc. **Mathematics**	Real Analysis MSMM101CCT	Upon completion of this course, the student should be able to get a foundation in Metric Spaces and Measure Theory. Concepts of Limit, Continuity, Differentiability and Lebesgue & Riemann Integration will be taught which are essential mathematical concepts.
		Linear Algebra MSMM102CCT	On completion of the course students develop the ability to solve problems using linear algebra and will be able to connect linear algebra to other fields both within and without mathematics and will learn a number of applications of linear algebra. Further, the students will be able to develop abstract and critical reasoning by studying logical proofs and the axiomatic method as applied to linear algebra.
		Ordinary Differential Equations MSMM103CCT	Upon completion of this course, the student should be able to: find solutions of initial and boundary value problems. The student will be able to find series solution of second order linear differential equations.
		Probability and Statistics(DSE) MSMM104CCT	By the end of this course students should be able to understand the common statistical techniques and terminology, the students will understand the basic principles of probability and their application and get familiar with the common probability distributions.
		Algebra MSMM201CCT	On completion of this course the students will get a good understanding of Group Theory, Rings, Fields. The student will demonstrate the ability to investigate,

			interpret and give proofs of important theorems of Algebra. They will analyze a wide variety of patterns and functional relationships using the language of mathematics.
		Topology MSMM202CCT	In mathematics, topology is concerned with the properties of space that are preserved under continuous deformations, such as stretching, crumpling and bending, but not tearing or gluing, hence Topology is also known as rubber sheet geometry. On completion of the course students will understand that many concepts such as continuity, connectedness, compactness etc. are invariant under deformation of stretching and shearing. This course will give an insight into the beauty of mathematical argument and into qualitative approach to problem so lving.
		Complex Analysis Course MSMM203CCT	On completion of the course the students will gain knowledge in concept of functions of complex variable, will learn to evaluate Definite Integrals and Harmonic Functions and understand Residue Calculus.
		Partial Differential Equations (DSE) MSMM204CCT	On completion of the course the students will understand the importance of Partial differential equations in science. They will learn to choose an appropriate method for solving PDE and interpreted the qualitative features of solutions.
		Functional Analysis Course MSMM301CCT	On completion of the course the students will get a firm understanding of treatment of linear integral and differential equations in higher dimensional spaces and will learn the Fixed point theorems and their applications which are essential for the development of functional analysis.
		Advanced Algebra Course	On completion of the course the students will be able to appreciate the beauty and power of Algebra. They will learnt how

		MSMM302CCT	Algebra can be used to find answers to age old problems in mathematics from diverse areas.
		Fluid Mechanics MSMM303CCT	Fluid Mechanics find applications in a variety of areas such as Physical Sciences, Bio-physics and Space Sciences. On completion of this course the students will be equipped with essential concepts of Fluid Mechanics introducing them to research in applied mathematics.
		Classical Mechanics (DSE) MSMM301DST	On completion of the course the students will get a good foundation in mechanics. They will be trained in Lagrangian and Hamiltonian formulism to solve problems in Classical Mechanics in an elegant way and will have sufficient knowledge to study Quantum Mechanics.
		Celestial Mechanics (DSE) MSMM302DST	On completion of this course students will learn to formulate and solve problems from mechanics in Newtonian, Lagrangian & Hamiltonian formulism. This course would prepare students to take more advanced courses in Classical and Quantum mechanics and will give them an entry in research in space dynamics.
		Finite Difference Methods (DSE) MSMM303DST	On completion of the course the students will learn the principles of Finite Element Method and Finite Difference Method and learn to solve PDE using these techniques.
		Finite Element Methods (DSE) MSMM402DST	The students learn the essential finite element methods and learn to apply them to a variety of problems from diverse areas.
		Graph Theory (DSE) Course MSMM401DST	On completion of the course the students will get familiar with the following notions: graphs; trees; paths; cycles; vertex degree; connectedness; bipartite graphs; complete graphs; subgraphs and the techniques learnt in this course to be useful in other areas of

			mathematics.
		Wavelet Analysis and Applications MSMM401CCT	After go through to this course students can starts research in wavelets and its different applications.
		Numerical Methods Course MSMM402CCT	Often in mathematics and physics one deals with data which needs to be analysed, or one needs to solve problems which requires a lot of computations, or there are situations when analytical solutions are hard or impossible to get in such cases one has to resort to numerical solutions.
		Calculus of Variations and Integral Equations SEM 4 MSMM402CCT	On completion of the course the students will be able to formulate variational problems and
			analyse them to deduce key properties of system behaviour.
		Project/DSE MSMM450CCP	The students learn research techniques and research methodology and get a flavour of doing research in mathematics.

Department of Persian
PhD Programme Outcomes, Programme Specific Outcomes and Courseoutcomes
PhD Programme Outcomes,

The following points may be taken into account:

- Scholars shall contribute to the existing knowledge and will explore the hidden manuscripts written on different social, political and historical aspects which will help us to understand the significance of different periods.
- Scholars will read and analyse the issues pertaining to the language, literature, arts and culture of the national and international levels.
- Scholars shall be able to discover new ideas and thoughts to ask questions which are based on their original research analysis and studies.
- Scholars shall be able to add new ideas to existing knowledge and will have the confidence to share all those facts which they would have collected through questionnaire and interviews during his field work.
- Scholars shall participate in workshops, seminars and International Conferences to present their ideas which help them to enhance their skills in constructive way.
- Scholars shall be fluent enough in language where they would be able to teach from school level to the University levels. After having good academic interactions, scholars shall be able to draw the attention of the society towards the work done by them for the betterment of society as a whole.
- Scholars shall work ethically to prove the real sense prevails in the society through interdisciplinary approach.

PhD Programme Specific outcomes

- During Research time period whatever Research Scholars shall observe and realise will be able to implement through new ideas in teaching Persian Language and Literature.
- Research scholars shall be able to inculcate good techniques and methods among his pupils.
- On the basis of whatever study was carried out, Research Scholars shall have command over that areas to rectify the certain matters in the society.
- Research Scholars shall be able to teach graduate and post graduate courses confidently.
- Scholars shall be able to interpret and evaluate the literature.

PhD courses Outcomes

Course Title : Research Methodology **Course Code: PHPR101CCT**	**Course Outcomes:** After the completion of this course scholars are expected to have the knowledge about the Research methods and techniques to work in certain fields. Scholars shall be able to motivate the people through their multiple skills and approaches and in addition to the existing knowledge they will give information.
Course Title : Literary Criticism and Textual Editing **Course Code: PHPR102CCT**	**Course Outcomes:** Upon the completion of this course Scholars are expected to have the knowledge to make literary criticism on the basis of their studies, observation and analysis of the field and have the knowledge to edit the texts and draw comparisons with other manuscripts**.**
Course Title : Persian Literature in India **Course Code: PHPR101DST**	**Course Outcomes**: After the completion of this course scholars are expected to have the knowledge about the Persian Language, Literature and Arts developed in India since centuries, historical aspects of different periods and dynasties, emergence of foreign poets in India their works and contributions towards the Persian language and Literature**.**
Course Title : Persian Literature in Deccan **Course Code: PHPR102DST**	**Course Outcomes:** Upon the completion of this course scholars are expected to have the knowledge about the Persian language and literature produced in Deccan during the different periods. Research scholars shall be able to present the historiography of social, economic and political set-up of different eras.

MA Programme Outcomes, Programme Specific Outcomes and Course outcomes

PhD Programme Outcomes:

- Students in MA Persian learn about higher education and prepare themselves to pursue Research in thirst areas and also be able to write and read Persian texts written in different styles.
- In this programme students study about the history of Persian language, literature art and culture of India and Iran. The students shall also study about the different periods and their way of living and promoting Persian Language among the masses.
- Students manifest their skills in the evaluation of texts and conversations.
- During this programme students possess the knowledge of speaking Persian Language, teaching Persian language and interaction inside the classroom and outside the classrooms

  MA Programme Specific Outcomes:

- Students shall possess the knowledge of Persian literature produced in India, Iran, Afghanistan etc.
- Students will be able to translate texts from Persian to Urdu and vice-versa
- Students develop writing and presentation skills during this programme.
- Students shall demonstrate the knowledge of grammar and basics of colloquial language.
- They shall be able to acquire the knowledge of history of Persian prose, poetry, study of coins and calligraphy in detail.

MA Persian Courses Outcomes

Course Title & Code	Course Outcomes
Course title: Persian Literature in Iran **Course code:** MAPR101CCT	**Course Outcomes:** Upon the completion of this course students are expected to have learnt about the history of Persian language and literature in Iran. Analytical study of the progress of Persian poets & writers and their contribution towards the language and literature during different periods.
Course title: Classical Prose (Ethical writing) **Course code:** MAPR 102CCT	**Course Outcomes:** Study of Classical Persian prose, Text study of different Ethical subjects and writing notes to improve their skills. Ethical stories of famous poets which enable the students to think positively to meet with certain challenges.
Course title: Classical Persian Poetry **Course code:** MAPR103CCT	**Course Outcomes:** To understand the classical Persian language & literature & critical study of different poets which help them to articulate things in better way.
Course title: Persian Language Learning **Course code:** MAPR104CCT	**Course Outcomes** To study the Persian Grammar and translation, Text study and translation and fluency in Persian language. On that basis they can prepare contents for multiple purposes.
Course title: Elementary Persian Course **Course code:** PGPR104GET	**Course Outcomes**: Upon the completion of this course students are expected to have the knowledge about Basic Persian Rules, order and Grammar which will make them to learn Persian language easily.
Course title: History of Persian Literature in Iran **Course code:** MAPR 201 CCT	**Course Outcomes**: After the completion of this course students will have the knowledge of History of Persian Language and Literature in Iran.
Course title: Classical Prose (sufistic writing) **Course code:** MAPR 202 CCT	**Course Outcomes:** To study the Persian Sufistic Poets and literature in detail to get the motivation to bear with certain unfortunate situations.

Course title: Classical Persian Poetry **Course code**: MAPR 203 CCT	**Course Outcomes**: Classical Persian Poetry and the inspirational stories of their different heroes like Rustum-o- Sohrab in the famous Mathnavi of Firdausi i.e. Shahnameh. And Ethical and Sufistic stories of Mathnavi-e-Maanavi of Maulana Rumi.
Course title: Genre & Figures of Persian poetry **Course code**: MAPR 201 DST	**Course Outcomes**: Persian poetry and its different symbolic and important genres and figures which make the students to understand different poetic allusions. After the completion of this course students will have the knowledge to understand the philosophical ideas in poetry.
Course title: Kinds of Persian Prose **Course code**: MAPR 202 DST	**Course Outcomes**: Upon the completion of this course students are expected to have knowledge about the kinds of Prose and the methods to write and distinguish between the relevant and irrelevant contents and texts.
Course title: Advance Persian **Course code**: PGPR201GET	**Course Outcomes**: To get Fluency in Persian language, to improve the accent of Language, after this course students are expected to learn different methods of teaching and interacting with the students.
Course title: Text study & conversation **Course code**: DPPR 101CCT	**Course Outcomes**: Text Study and Conversation, which helps them to read and write Persian text to enhance their skills and knowledge to survive in the market.
Course title: Grammar & Translation **Course code**: DPPR 102CCT	**Course Outcomes**: Through this course students understand the basics of grammar and translation which improves their language to interact and communicate in different interviews for private as well as govt. sectors.
Course title: Text study & conversation **Course code**: DPPR 201CCT	**Course Outcomes**: In this semester they improve their language and become capable to communicate with Native speakers.
Course title: Grammar & Translation **Course code**: DPPR 202CCT	**Course Outcomes**: upon this time students can interpret the matter easily and this helps them to become more powerful in writing and reading the things.
Course title: Persian linguistics **Course code**: MAPR301CCT	**Course Outcomes**: In this course students learn about the contrivance and the form of Language, its historical perspectives and importance in present era.

Course title: Indo Persian Literature- Prose Text **Course code**: MAPR302CCT	**Course Outcomes**: Students learn about Indo-Iran literary and Historical Prose writing which make them acquainted with all relations between India and Iran.
Course title: Indo Persian Literature -Poetry **Course code**: MAPR303CCT	**Course Outcomes**: In this course students learn about the ethical and sufistic literature of Persian alongside to develop their poetry writing skills.
Course title: History of Indo-Persian Literature **Course code**: MAPR 301 DST	**Course Outcomes**: Upon the completion of this course students are expected to learn about the history of Indo Persian Literature that how old is this? And what is its influence on the socio-political aspects of both the countries.
Course title: History of Persian Literature produced in Deccan **Course code**: MAPR 302 DST	**Course Outcomes**: Upon the completion of this course students are expected to learn about the history of Persian Literature produced in Deccan and the role of different periods in promoting Persian language and literature.
Course title: Spoken Persian **Course code**: PGPR301GET	**Course Outcomes**: Basic Persian Rules, order and Grammar which will enable them to speak Persian
Course title: Persian Literature in Deccan Prose &Poetry **Course code**: MAPR 401CCT	**Course Outcomes**: Upon the completion of this course students are expected to have the knowledge about Persian language and literature produced in Deccan and the different aspects of Persian prose and poetry.
Course title: Modern Persian Literature Prose **Course code**: MAPR402CCT	**Course Outcomes**: Upon the completion of this course students are expected to have the knowledge about the modern Persian prose and literature.
Course title: Modern Persian Literature Poetry **Course code**: MAPR403CCT	**Course Outcomes**: Upon the completion of this course students are expected to have the knowledge about the modern Persian poetry. They shall have understanding to differentiate between the modern and classical writing styles and subjects.
Course title: Persian Manuscriptology **Course code**: MAPR401DST	**Course Outcomes**: Upon the completion of this course students are expected to have the knowledge about the recognition of different manuscripts, writing styles, significance of documents written in different periods. Methods of listing the documents etc.

Course title: Special Study- Sa'adi Shirazi **Course code:** MAPR403DST	**Course Outcomes:** Upon the completion of this course students are expected to have learnt about the famous Persian poet Sa'adi Shirazi,his contribution in Persian prose and poetry. The lesson given by him to the world.
Course title: Special Study- Amir Khusrau **Course code:** MAPR403DST	**Course Outcomes:** Upon the completion of this course students are expected to have learnt about the famous Persian poet who has immensely contributed towards the Persian language and literature.
Course title: Special Study- Iqbal Lahori **Course code:** MAPR404DST	**Course Outcomes:** Upon the completion of this course students are expected to have learnt about the famous Persian poet Allama Dr Mohammad Iqbal who has immensely contributed towards the Persian language and literature. They shall also analyse his critical and philosophical thoughts to awake the dead consciences.
Course title: Persian Translation Course **Course code:** PGPR401GET	**Course Outcomes:** Upon the completion of this course students are expected to have learnt about the translation of texts and to understand the translation done by the different writers and scribes of classical and modern periods.

Department of Political Science

MA Political Science Programme Outcomes

1. Develop the ability to pursue wide range of professional choices in academics, entrepreneurship, civil services, politics and national and international non-profit organizations.

2. Create understanding and awareness of rights, values and socio-political responsibilities and knowledge of citizens role in governing processes.

3. Inculcate the ability to draw logical conclusions about social and political issues and problems.

4. Inculcate the ability to observe and analyze patterns in political developments, ideas and behaviour.

5. Develop skills required to analyze political issues in light of key theories of political processes, institutions and actors.

6. Develop skills required to plan and execute report and project involving employment of relevant theories, evidence and examples.

MA Political Science Programme Specific Outcomes

1. Provide state-of-the art exposure to various fields and sub-fields of Political Science

2. Develop knowledge of core concepts of Political Science.

3. Develop wide range of skills—reading, writing and analysis in students.

4. Develop the ability to define important field-specific theories and concepts.

5. Develop the ability to evaluate policy making in Indian context.

6. Develop the knowledge and understanding of distinctions among the major sub-fields of Political Science including, Political Theory, Comparative Politics, International Relations and Indian Politics.

MA Political Science Course Outcomes

Course Title: Global Political Thought Course Code: MAPS101CCT	Course Outcome: • The students will get aware from different major political thoughts of the world. By this course student will understand the views of modem political thinkers, socialist thinkers and contemporary political thinkers.

Course Title: Administrative Theory Course Code: MAPS102CCT	Course Outcome: • The students will understand and demonstrate the basic understanding of theories, concepts and practices relevant to administrative

	theory. • The students will acquire critical thinking about the theories propounded by classical and behavioural thinkers.
Course Title: Course Code: MAPS103CCT	Course Outcome: • Understand a wide range of issues involved in the study of international relations including the workings of the state system, the causes of international conflict and violence, and international economic relations. • Explain global politics using an historical approach which allows students to understand continuity as well as change. • Develop critical and independent thought on the contemporary trends of international politics.
Course Title: Course Code: MAPS104CCT	Course Outcome: • Understand the nature of contemporary political discourse as a separate academic discipline and its practical dimensions. • Distinguish between classical and contemporary dimensions of politics. • Understand some of fundamental aspects of contemporary political discourses, particularly 'feminism', 'multiculturalism', 'postmodernism', pluralism, development, victimhood, identity and difference. • Articulate their own positions in a clear, coherent and logical manner concerning the theories and concepts covered in this course

Course Title: **Politics** **Course Code:** **MAPS201CCT**	**Course Outcome:** • Gain useful knowledge about the institutions, processes, policies andConstitutions of various countries in a comparative context. • Understand the politicalconsequences of economicwellbeing by comparing the political institutions and practices of wealthy and poor countries.
Course Title: Political **Course Code:** **MAPS202CCT**	**Course Outcome:** • To understand the major tools of analysis and methods of political sociology to work in the society. • To understands the process of socialization how it operates in our society. • To understand the different social groups that functions in our society.
Course Title: Indian **Course Code:** **MAPS203CCT**	**Course Outcome:** • Identify and critically assess the processes involved in foreign policy decision making in general. • Apply theories of international relations to explain and understand the Indian foreign policy making process and its outcomes. • Develop practical knowledge of several pressing Indian foreign policy challenges and be able to assess strategies for managing

	these issue areas.
Course Title: **Research** **Methodology Course** **Code: MAPS204CCT**	**Course Outcome:** • Learn meaning, nature, importance and problems of research in social sciences. • Learn how to take a scientific approach to questions about political phenomena and how to ask empirical questions about the political world. • Learn how to formulate research problem, prepare research design, formulate research questions and hypothesis, and to collect and analyze data leading to meaningful and defensible conclusions.

Course Title: Indian Politics (Generic) **Course Code: PGPS201GET**	**Course Outcome:** • Learn the basic frame work of Indian Constitution. • Describe and think critically about the institutional features of Indian politics. • Explain Indian politics using historical approach. • Make informed judgments about current political controversies.
Course Title: **Indian Political Thought** Course Code: **MAPS301CCT**	**Course Outcome:** • Understand the political ideas of ancient thinkers • Understand the ideas of the renaissance period to understand the socio-political situations of the society. • Develop the ideas of the great thinkers to understand the secular and nationalist form of society.
Course Title: **Human Rights** Course Code: **MAPS302CCT**	**Course Outcome:** Students will understand/acquire the knowledge about Introduction to Human Rights, Evolution, Theories, Issues and Problems, Vulnerable Sections and Violation of Human Rights, Instruments and Institutions. Students will be able to explain the use and need of human rights.
Course Title: **Indian Government and Politics** Course Code: **MAPS303CCT**	**Course Outcome:** • Learn the basic frame work of Indian Constitution. • Describe and think critically about the institutional features of Indian politics. • Explain Indian politics using historical approach. • Make informed judgments about current political controversies.
Course Title: **International Organization** Course Code: **MAPS301DST**	**Course Outcome:** 1. Understand the meaning, nature and origin of International Organisations. 2. Discuss various theories of international governance and regional integration. 3. Discuss the United Nations' effectiveness with respect to addressing global issues such as armed conflict, human rights and environmental crises and examine the role of EU, ASEAN, SAARC and OIC in their regional context.
Course Title: **State**	**Course Outcome:**

Course Code: **MAPS302DST**	• Understand different approaches to civil society, democracy and the relationship between these two concepts • Understand impact of civil society in the democratic form of government • Understand how civil society interacts with other social institutions such as the state, religion and gender in society.
Course Title: **Global** Course Code: **PGPS301GET**	**Course Outcome:** • Explain global politics using the historical approach which allows them to understand continuity as well as change. • Examine and assess several types of theory so that they become aware of what theory is and why it is necessary for understanding global politics. • Give students the background to make informed judgments about current global controversies.
Course Title: **West** Course Code: **MAPS401CCT**	**Course Outcome:** • Define the West Asia as a geopolitical region and distinguish the unique politics of different states in this region. • Understand the broad trends in the political, social and economic development of the West Asia. • Demonstrate an understanding on Arab Nationalism, Political Islam, sectarian violence, economic development and underdevelopment and the Arab Spring.
Course Title: **Social** Course Code: **MAPS402CCT**	**Course Outcome:** • Develop a working knowledge on how the people of India are organizing to achieve social justice and working to find solutions to economic, social and political problems. • Learn about the history and contemporary forms of several key social movements in India, including the women's movement, minorities' movement, child rights movement, environmental movement, and tribal (adivasi) movement and others movements. • Examine the tools for social change such as alternative education, grassroots media, alternative law practices and conflict resolution groups.
Course Title: Course Code: **MAPS401DST**	**Course Outcome:** • Understand the capacity of international law through its role. • Provide the platform for discussion about the problems faced by international community.
Course Title: Course Code: **MAPS402DST**	**Course Outcome:** • To understand environmental issues from multidisciplinary view points. • Develop an advanced knowledge of the global politics around energy and environment.

PhD Political Science Programme Outcomes

1. Provides and exposure to key literature and recent debates in various sub-fields of Political Science.

2. Develop the ability to assess and apply theories and methods to collect and interpret data relevant to field of Political Science.

3. Familiarize students with the research frontier of the discipline.

4. Develop the ability to create and defend knowledge contribution in the field of Political Science.

5. Develop skills required to pursue career in research, policy institutes, think tanks and academics.

PhD Political Science Programme Specific Outcomes

1. Inculcate adequate communication skills among scholars required to publish, prepare proposals and write reports.

2. Develop the ability to apply and evaluate research methods and statistical techniques related with the study of Political Science.

3. Develop the ability to contribute in development of new theories, methods and interpretations in area of specialization within Political Science.

4. Inculcate the ability to identify limitations, problems and puzzles in the existing body of knowledge.

Ph.D Political Science Course Outcomes

Course Title: **Research Methods in Social Sciences** Course Code: **PHPS101CCT**	**Course Outcome:** Student will understand / acquire the knowledge about the introduction to social science research, research designs, Methods of Data Collection and Analysis and Report Writing. Students will be able to adopt these research techniques and methods in their future research.
Course Title: **Contemporary Trends in the Study of Political Science** Course Code: **PHPS102CCT**	**Course Outcome:** • Understand the nature of contemporary political discourse. • Understand some of fundamental aspects of contemporary political discourses, particularly 'feminism',

	'multiculturalism' and 'post-modernism'
	• Evaluate the intellectual understandings of contemporary political thinkers and analysts like Amartya Sen, Partha Chatterjee and Rajni Kothari
	• Articulate their own positions in a clear, coherent and logical manner concerning the theories and concepts covered in this course.
Course Title: **Indian Political System** Corse Code: **PHPS102DST**	**Course Outcome:** • Describe and think critically about the Institutional features of Indian Politics. • Make inform Judgement about the current political

B.A Political Science Course Outcomes

Course Title: **Political** Course Code: **BAPS101CCT**	**Course Outcome:** • Understand the foundational principles of Political Science. • Learn about the meaning, nature, origin and working of State. • Apply these concepts in understanding the historical and contemporary political phenomenon.
Course Title: **Politics** Course Code: **BAPS201CCT**	**Course Outcome:** • Careful comparison of political systems produces useful knowledge about the policies countries has effectively initiated to address problems. • By comparing the political institutions and practices of wealthy and poor countries, students can begin to understand the political consequences of economic wellbeing.
Course Title: **Political** Course Code: **BAPS301CCT**	**Course Outcome:** • Learn about the key political ideas developed by Greek, Western, Islamic and Indian thinkers. • Understand the strengths and weaknesses of various philosophical approaches in order to gain a critical perspective on their own. • Assess the applicability and relevance of ancient political theory to contemporary political thought and political practice.
Course Title: **Indian** Course **Code:BAPS401CCT**	**Course Outcome:** • Understand the foundations and bases of Indian government including the Constitution of India. • Understand the working of the various governmental institutions including executive, legislature, and judiciary. • Evaluate the various aspects of Indian political system including political parties, public opinion, elections, caste and communalism.
Course Title:	**Course Outcome:**

Course Code:BAPS501DST	Course Outcome:
	• Understand the key concepts and theories of International Relations.
	• Think systematically on the historical wars and conflicts like World Wars and Cold war.
	• Evaluate contemporary issues in International politics.
Course Title: Human Course Code:BAPS502DST	Course Outcome:
	• Identify issues and problems relating to the realisation of human rights, and strengthens the ability to contribute to the resolution of human rights issues and problems.
	• Develops investigative and analytical skills pertaining to human rights.
Course Title: Public Course Code:BAPS601DST	Course Outcome:
	• Understand basic and important concepts of public administration
	• Develop their own perspectives on the issues of Public Administration.

	• Apply acquainted administrative and management skills in their professional and day to day life.
Course Title: State and Civil Society Course Code:BAPS602DST	Course Outcome:
	• Understand different approaches to civil society, State and the relationship between these two concepts
	• Understand impact of civil society in the democratic form of government
	• Understand how civil society interacts with other social institutions such as the state, religion and gender in society.
Course Title: Fundamentals of Political Science Course Code:UGPS501GET	Course Outcome:
	• Understand the nature of Political Science as a separate academic discipline and its practical dimensions.
	• Understand the fundamental theories, ideological traditions, concepts and terminologies associated with the discipline of Political Science.
	• Articulate their own positions in a clear, coherent and logical manner concerning the theories and concepts covered in this course.
Course Title: Introduction to Indian Politics Course Code:UGPS601GET	Course Outcome:
	• Understand the foundations and bases of Indian government including the Constitution of India.
	• Understand the working of the various governmental institutions including executive, legislature, and judiciary.
	• Evaluate the various aspects of Indian political system including political parties, public opinion, elections, caste and communalism.

Department of Public Administration

B.A. Programme Outcomes, Programme Specific Outcomes and Course Outcomes

B.A. Programme Outcomes

1. B.A. in Public Administration Programme prepares students for higher studies in Post Graduation.

2. The programme provides an edge to students appearing for competitive examinations.

3. The programme prepares students for employment in the public as well as the private sector.

4. It provides them with an understanding of the administration of an organization.

B.A. Programme Specific Outcomes

1. The programme introduces the students to the basic concepts of public administration.

2. It provides a thorough understanding of the importance of public administration in the society.

3. It helps them to understand and analyze the difference between public and private administration.

4. It gives a detailed understanding of the administrative setup at the National, State and Local level.

5. The programme helps them to gain an in-depth knowledge of managing various resources – human, financial and material, in an efficient manner.

6. The students are familiarized with the ICT application in public administration leading to e-governance.

7. The students are provided an insight into the transition from traditional administration to new public management.

B.A. Course Outcomes

Course Title : **Public Administration: Concepts and Principles**	**Course Outcomes**: On successful completion of the course, the students will be able to understand the basic concepts and

Course Code : BAPA101CCT	principles of public administration.
Course Title : **Public Administration: Theories and Approaches** Course Code : BAPA201CCT	**Course Outcomes**: On successful completion of the course, the students will be enlightened on the different administrative theories and emerging theoretical perspectives.
Course Title : **Indian Administration** Course Code : BAPA301CCT	**Course Outcomes**: On successful completion of the course, the students will be able to understand the administrative system of India before and after Independence and be enlightened on the current issues of Indian Administration and also its challenges.
Course Title : **Local Government in India** Course Code : BAPA401DST	**Course Outcomes:** On successful completion of the course, the students will have a knowledge of the historical background, organisational and financial perspective of the local government in India. They will also have an insight into the emerging challenges of the local government in India.
Course Title : **Management of Resources** Course Code : BAPA501DST	**Course Outcomes:** On successful completion of the course, the students will have an in-depth understanding of the various resources – human, financial and material, and their efficient management. The students will also gain an insight into the techniques of human resource planning.
Course Title : **Disaster Management** Course Code : BAPA502DST	**Course Outcomes:** On successful completion of the course, the students will be able to understand the meaning and concept

	of disasters, identify the different types of disasters and their consequences. They will also gain an in-depth knowledge of the mechanism for the disaster management in India and also relief measures being undertaken.
Course Title : **Good Governance** Course Code : BAPA601DST	**Course Outcomes:** On successful completion of the course, the students will be familiar with the concept of governance and good governance, features of good governance, state and governance, citizen and governance and the institutional machinery for good governance.
Course Title : **Office Management** Course Code : BAPA602DST	**Course Outcomes:** On successful completion of the course, the students will be able to understand the basic concepts and principles of office management. They will also be familiar with records management, office communication, office machines and staff welfare.
Course Title : **Elements of Public Administration** Course Code : UGPA501GET	**Course Outcomes:** On successful completion of the course, the students will be able to understand the basic concepts and principles of public administration.
Course Title : **Introduction to Indian Administration** Course Code : UGPA601GET	**Course Outcomes:** On successful completion of the course, the students will be able to understand the evolution, structure, issues, challenges of Indian Administration and would also be familiar with Centre – State relations and reforms in Indian

	Administration.

MA Public Administration Programme Outcomes:

1. MA in Public Administration program provides in depth knowledge of theory and practice of Public Administration.
2. Provides knowledge about the working of Government and Non Government organisations.
3. Prepare student to pursue higher studies like MPhil and PhD.
4. Builds capacities of the students to prepare for civil services and other services under the centre and state governments and career in development sector.

MA Public Administration Programme Specific Outcomes:

After the completion of programme the student will be able to;

1. Understand the theory and practice of Public Administration and its various dimensions such as Indian Administration, Financial Administration, Comparative and Development Administration and Welfare Administration.
2. Develop knowledge about Management, Public Policy, E-Governance and HRM.
3. Acquire knowledge of NGOs, Environmental Studies and Research Methodology.
4. Appear for competitive exams for centre and state services.
5. Prepare for research courses leading to M.Phil and PhD degrees.
6. Develop capabilities required for careers in NGOs and Development sector.

MA Public Administration Course Outcomes:

Semester-1 Course Title: **Administrative Theory** Course Code: **MAPA101CCT**	**Course Outcome**: Upon the completion of the course students are expected to understand different administrative theories, principles, concepts and the emerging trends in Public Administration.

Course Title: **Management** Course Code: **MAPA102CCT**	**Course Outcomes**: Upon the completion of the course students are expected to understand the meaning and importance of management in the organization and the emerging trends in management.
Course Title: **Public Policy** Course Code: **MAPA103CCT**	**Course Outcomes**: Upon the completion of the course the student would be able to understand the importance of public policy and various approaches for its study. Figure out different stages of policy process, analyze intricacies involved in the implementation of different policies through case studies.
Course Title: **Political Thought** Course Code: **MAPA104CCT**	**Course Outcomes**: Upon the completion of the course students are expected to learnt about the philosophy behind different forms of governments, differentiate between the good governance and bad governance and will be able to comprehend the different forms and systems of government.
Semester-2 Course Title: **Public Administration in India** Course Code: **MAPA201CCT**	**Course Outcomes**: Upon the completion of the course students are expected to become familiar with the current issues and problems of Indian Administration and develop general awareness of the principles of Indian Administration.
Course Title: **Human Resource Management** Course Code: **MAPA202CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to have learnt the evolution and importance of HRM and understand the methods and various challenges of HRM.
Course Title: **Financial Administration** Course Code: **MAPA203CCT**	**Course Outcomes**: Upon the completion of the course students are expected to understand different dimensions of Financial Administration including taxation, budgeting, accounting and audit in India, the centre state financial relations and the working of different financial institutions.
Course Title: **Research Methodology** Course Code: **MAPA204CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to excel in different methods of social science research and able to examine the phenomenon in the scientific manner.

Semester-3 Course Title: **E-Governance** Course Code: **MAPA301CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to thoroughly grasp the knowledge regarding E-Governance, its impact and theoretical perspectives and techniques.
Course Title: **Comparative & Development Administration** Course Code: **MAPA302CCT**	**Course Outcomes**: Upon the completion of the course students are expected to acquire the ability to develop theoretical and methodological knowledge in the field of Comparative and Development Administration. Understand the comparative perspective of study of administrative system, financial system, bureaucratic system, local administration of diverse countries.
Course Title: **Organizational Behaviour** Course Code: **MAPA303CCT**	**Course Outcomes**: Upon the completion of the course, the students are expected to acquire the ability to develop theoretical and methodological knowledge in the organizational behavior and understand the recent paradigm in the functioning of organizations.
Course Title: **Indian Government and Politics** Course Code: **MAPA301DST**	**Course Outcomes**: Upon the completion of the course the students are expected to understand the basic philosophy and features of Indian Constitution, examine the working of the union, state an local governments, and analyze the role of various factors influencing Indian political process.
Course Title: **Disaster Management** Course Code: **MAPA302DST**	**Course Outcomes**: Upon completion of the course, the students should be able to understand the meaning and concept of disaster, identify the different kinds of disasters and their consequences and gain an in depth knowledge of the mechanism for the disaster management in India.
Semester: 4 Course Title: **Welfare Administration** Course Code: **MAPA401CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to learn the conceptual and legal aspects of welfare administration and also understand the welfare policies, programmes, issues and role NGOs in welfare administration.

Course Title: **NGOs and Development** Course Code: **MAPA402CCT**	**Course Outcomes**: Upon the completion of the course the students are expected to learn and appreciate the concept, importance and role of NGOs in development and acquire knowledge about the working of voluntary sector in India and analyze its contribution in social sector.
Course Title: **Comparative Local Government-India, UK, USA and France** Course Code: **MAPA403CCT**	**Course Outcome**: Upon the completion of the course students are expected to develop theoretical and comparative perspective of Local Governments of India, UK,USA and France.
Course Title: **Environmental Studies** Course Code: **MAPA401DST**	**Course Outcomes**: Upon the completion of the course, the students are expected to acquire the ability to develop theoretical perspective on environmental issues, legislations and movements for environmental protections.
Course title: **Administrative Law** Course Code: **MAPA402DST**	**Course Outcomes**: Upon the completion of the course students are expected to learn about the basic concepts and principles of administrative law and able to analyse the operation and impact of administrative law from policy perspective.

Ph.D. Programme Outcomes, Programme Specific Outcomes and Course Outcomes

Ph.D. Programme Outcomes

Research Scholars shall contribute to the enduring research and the contribution could be seen as follows:

1. Finding out the dynamism in the existing understanding of the research.
2. Developing their skills and proficiency as future researchers and teachers through guiding and making scholars familiarise with research techniques.
3. Develop and train scholars through extensive lecture on writing skills articles, books and book chapters for publication.
4. Making foundation knowledge-base in public administration theory and classic literature helps them to conduct significant research.
5. Making foundation knowledge in research methods that will enable them to conduct significant research.

Ph.D. Programme specific outcomes

Research Scholars shall be able to:

1. Advance the high-quality standards to their professional preparation for in-depth research methodology.
2. Contribute to knowledge production in public policy, governance and other public administration fields through publications and conference presentations.
3. Identify a research problem whose solution will be a valuable contribution to the field of governance.
4. Interpret data and to draw well supported conclusions from the data regarding their research.
5. Communicate research effectively in writing related to public administration.

Ph.D. Course outcomes

Course Title : **Introduction to Research Methodology** Course Code : PHPA101	**Course Outcomes** : On successful completion of the course, the scholars will be able to excel in understanding different phenomena of life including examination of the phenomena in a scientific manner as well as collect material and examine it in a scientific manner.
Course Title : **Advanced Theories of Public Administration** Course Code : PHPA102	**Course Outcomes**: On successful completion of the course, the scholars will be able to understand the advanced theories of Public Administration, develop an insight into the changing nature and perspectives of Public Administration and they will be in a position to make a critical analysis of advanced theories.
Course Title : **Administrative Theory** Course Code : PHPA101DST	**Course Outcomes**: On successful completion of the course, the scholars will be able to explain the evolution and importance

	of administrative theory, understand the various theories and their applications, and understand various trends in the discipline of Public Administration.
Course Title : **Human Resource Management** Course Code : PHPA102DST	**Course Outcomes** : On successful completion of the course, the scholars will be able to explain the evolution and importance of HRM, understand the methods of HR development and understand various challenges of HRM in the changing perspective.
Course Title : **Indian Administration** Course Code : PHPA103DST	**Course Outcomes**: On successful completion of the course, the scholars will be able to explain the evolution and constitutional framework of Indian Administration, analyse the structure and working of administration at different levels and articulate the emerging trends and issues in Indian Administration.
Course Title : **Public Policy** Course Code : PHPA104DST	**Course Outcomes**: On successful completion of the course, the scholars will be able to explain the evolution and importance of Public Policy, understand theories of Public Policy and their implications as well as understand various stages of the policy process.

Course Title : **Welfare Administration** Course Code : PHPA105DST	**Course Outcomes :** On successful completion of the course, the scholars will be able to enlighten the students on conceptual, legal and practical aspects of Welfare Administration. The course also seeks to create an awareness about policies, programmes, issues and th role of NGOs in Welfare Administration.
Course Title : **Good Governance** Course Code : PHPA106DST	**Course Outcomes**: On successful completion of the course, the scholars will be able to explain the evolution of Good Governance, examine the conceptual framework of Good Governance and articulate the emerging trends and issues in Good Governance.

Department of Social Work

Programme Outcomes:

Programme	Outcome
PG – Master of Social Work	• Develop knowledge, skills, attitude and values appropriate to professional social work practice • Develop competencies to initiate meaningful dialogue with people, communities and organizations • Enhance skills to use and experiment social work methods of working with people • Develop sensitivity, inclination and orientation to work with the people on the margins

Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
Master of Social Work	Introduction to Social Work	MMSW 101CCT	• To understand social work philosophy and inculcate values to work as human service professionals • To appreciate the imperatives of becoming professional social worker
	Sociology for Social Work	MMSW 102CCT	• To understand basic sociological concepts • To learn how to apply sociological insights in social work practice
	Psychology for Social Work	MMSW 103CCT	• To understand human growth and development • To appreciate understanding of human personality in social work practice
	Community Work and Social Action	MMSW 104CCT	• To understand concept of community and its relevance in social work • To develop understanding of skills and techniques of community work and Social Actions
	Social Case	MMSW	• To develop understanding of working with individuals

	Work	201CCT	• To develop understanding and skills in case work process and intervention
	Social Group Work	MMSW 202CCT	• To develop understanding of group as a method of social work practice • To gain insight of group processes and group dynamics
	Social Work Research	MMSW 203CCT	• Understand the nature, scope and significance of research in social work practice • Develop competence in conceptualizing, designing and using research techniques
	Famiy and Child Centered Social Work	MMSW 201DST	• To understand major issues and problems of family and children as units of social work intervention • To develop skills of working with family and children
	School Social Work	MMSW 202DST:	• To understand the basics of school social work • To develop skills in dealing with issues in school system
	Emerging Areas of Welfare Practices	MMSW 203DST	• To understand the contemporary issues of social work practice • To develop skills in dealing with emerging welfare practices
	Governance and Planning, Policy Social	MMSW 301CCT	• To understand the concept and significance of social policy and planning • To acquire knowledge of policy formulation, processes and analysis • To understand the linkages between social policy, planning and governance
	Social Development	MMSW 302CCT	• Critically understand the concept, content and process of social development • Develop the capacity to identify linkages between social needs, problems, development issues and policies
	Social Welfare Administration	MMSW 303CCT	• To acquire knowledge and skills of managing and administrating development services • To develop skills in Project Formulation and Evaluation
	NGO Management	MMSW 301DST	• To understand the nature, scope and significance of nongovernmental organizations in social work practice

			• Develop knowledge about functioning, dynamics and legal aspects of NGOs
	Corporate Social Responsibility	MMSW 302DST	• To understand the concept and importance of corporate social responsibility (CSR) • To develop skills for social work intervention in the field of corporate social responsibility
	Disaster Management	MMSW 303DST	• To develop understanding of disaster and disaster management • To develop skills in dealing with disaster situations
	Volunteerism and Social Welfare	PGSW 301GET	• To acquire understanding of nature, scope and significance of volunteerism and volunteer management • To develop understanding of welfarism and contemporary social welfare programme
	Advance Theory of Social Work	MMSW 401CCT	• To understand the dynamics in the development of social work theories • To appreciate relevance of various social thinkers and their thought in the practice of social work
	Human Rights and Social Justice	MMSW 402CCT	• To develop understanding of Human Rights and emergence of rights based perspective in social work practice • To understand concept of social justice and social legislation and appreciate social justice as a value of social work profession
	Marginalised Communities: Issues and Interventions	MMSW 401DST	• To understand the concept of marginalization and issues of marginalized groups • To develop the ability for social work
	Poverty and Livelihood	MMSW 402DST	• To develop understanding about the context of poverty and livelihood • To develop skills for livelihood intervention
	Public Health and Social Work	MMSW 403DST	• To understand the concept of public health and public health system in India • To develop skills for social work intervention in the field of public health
	Social Work with Persons	PGSW401GET	• To understand the concept of disabilities and issues in social work

	with Disabilities		practice • To develop skills in dealing with Persons With Disabilities
	Concurrent Field Work and Skill Lab	**MMSW 150CCP (Sem-I)** **MMSW 250CCP (Sem-II)** **MMSW 350CCP (Sem-III)** **MMSW 450CCP (Sem-IV)**	Concurrent Fielodwork has been an integral component of MSW Programme since the beginning of the course. Engament with NGOs/ Government agencies for at least 15 hours a week throughout MSW programmes. Students are involved in ongoing interventions projects under the direct supervision of Faculty and Agency supervisors. They prepare activities plans, undertake various activities, prepare reports and deliver Fieldwork Presentations in the department. Skill lab has been introduced in the year 2014 as part of MSW Course curriculum to add value to the Social work field practicum for honing the skills of MSW Students. Students take part in Skill Labs organised by the Department where they are trained on four broad skills themes viz. Communication, Analytical, Sensetivity and Technical Skills. Each skill theme is consisted of set ten different exercises exclusively designed keeping in view the professional requirement of the development sector. All exercise are purely participative in nature.
	Block Placement	MMSW 351CCP	There is compulsory Block Fieldwork of four weeks after Semester II exams where MSW students undertake internship in various national and international organization working indifferent parts of the country
	Dissertation	MMSW451CCP	MSW Dissertation, Master's level Research Project Work has been introduced as a core practical paper in the Semester IV to expose students to research related activities and develop research skills among the students. It is expected that the students will hone research skills and will utilize them either in higher studies or the professional setting.

Department of Sociology

Programme Outcomes:

Programme	Outcome
UG	**B. A Sociology (Pass Course) Programme Outcomes** • Providing students a well-founded education in Economics • Enabling students to understand basic concepts of economics • Training them to analyze economic behavior and way of thinking • Enabling them to analyze current economic issues from an economic perspective • Providing students with the opportunity to focus on applied and policy issues in Economics

Programme Specific Outcomes:

Programme	Specific Outcome
B.Tech./B.Sc./BA (for example)	**B. A Sociology (Pass Course) Programme Specific Outcomes** • The ability to write clearly expressing an economic point of view • Be exposed to alternative approaches to economic problems through exposure to coursework in allied fields. • To provide the students with the opportunity to pursue courses that emphasize quantitative and theoretical aspects of Economic

Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
U.G	**B. A**	**Semester-1**	In this course, the students would learn how

	Sociology	Course Title: **Principles of Sociology** Course Code: **BASO101CCT**	and why the above mentioned decisions are made and how they affect one another in the economy. By the end of this course, students will have a strong grasp on the major issues of microeconomics including consumer and producer behaviour, the nature of supply and demand and the Cost and Revenue.
		Semester-2 Course Title: **Classical Sociological Thinkers** Course Code: **BASO201CCT**	Upon successful completion of the course the students will be able to understand basic microeconomic terminology through defining and discussing the terminology as well as applying it to current microeconomic events; calculate microeconomic variables; use models to analyze the behaviour of individuals and firms; and analyze governmental policies and their effect on market outcomes and social well-being.
		Semester-3 Course Title: **Social Institutions** Course Code: **BASO301CCT**	Students comprehend the meaning and importance of macroeconomics and main concepts in macroeconomics their use and applications. They develop insight on national income accounting, consumption and investment functions and multiplier effect in the economy which enable them to critically analyse the structure of particular economic system. Students also acquire knowledge about classical and Keynesian views on income and output determination,
		Semester-4	Students will acquire knowledge about income determination in open economy

		Course Title: **Indian Society: Continuity and Change** Course Code: **BASO401CCT**	along with IS-LM curve. They comprehend various approaches to money supply and theories of demand for money and their conceptual importance. Students also understand the concepts of inflation, business cycle, BoP and exchange rate and identify them as important macro economic variables.
		Semester-5 Course Title: **Population and Society (Optional I)** Course Code: **BASO501DST**	• Able to understand the essence of Economic theories more clearly • Capable to mathematical logic behind the economic theories Capable to apply mathematical techniques in applied economics
		Course Title: **Social Inequalities and Exclusion in India (Optional II)** Course Code: **BASO502DST**	Upon successful completion of the course, the student would be able to understand structure and function of Central Bank, Commercial Banks and issues relating to monetary policies of the country.
		Course Title: **Education and Society** Course Code: **UGSO501GET**	• Students acquire knowledge related with basic public economic concepts like public good, merit good, structure of public expenditure, taxation, Debt, etc. • Student able to understand the importance of public budget and its constituent elements This paper also help the students to get an insight into various Indian public finance related issues like fiscal

			federalism, centre state financial relation, tax reforms etc.
		Semester-6 Course Title: **Research Methods (Optional I)** Course Code: **BASO601DST**	Upon successful completion of this course students would be able to • Analyse and make inference about economic situations of an economy • Understand of the economy with reference to economic fundamentals Make statistical analysis of the economic facts
		Course Title: **Sociology of Islam and Muslim communities in India (Optional II)** Course Code: **BASO602DST**	Upon successful completion of this course student should be able to: • Know the importance of natural resources, its use and conservation • Know the various concepts of environmental economics and understand the issues and challenges related with this. • Understand its measurement concepts and the analysis Understand how decision and action affects and analyse the different policies and actions taken by the govt.
		Course Title: **Sociology of Language, Culture and Identity** Course Code: **UGSO601GET**	Pupils comprehend various macroeconomic issues like population explosion, unemployment, inequality, inflation, poverty etc in Indian economic context and develop the capacity to critically evaluate the policies related with these issues. Students understand the role of agriculture,

			industry, foreign trade, etc in India's development spectrum and critically analyse the policies related with the development of these sectors.

Programme Outcomes:

Programme	*Outcome*
PG	*MA Sociology Programme Outcomes* • Training the students to recognize and analyse the economic problems and keeping them updated about the changes in the economy • Enabling students to become critical consumers of statistically based arguments about numerous public and private issues rather than passive recipients unable to sift through the statistics.

Programme Specific Outcomes:

Programme	*Specific Outcome*
M. Tech/M.Sc./MA (for example)	*M.A. Sociology Programme Specific Outcomes* Provide valuable knowledge for making decisions in everyday life Training them to write a research paper to demonstrate their refined writing and analytical skills

Course Outcomes:

P.G	*M.A Sociology*	**Semester-1** **Course Title**: **Introduction to Sociology:**	Upon successful completion of this course students would be able to • Understand the various concepts of Microeconomic theory.

		Concepts and Themes **Course Code**: **MASO101CCT**	• Application of Economic Theory in the context of India • Have exposure to Indian Economic Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions • Demonstrate competence in using diagrams and graphs to explain economic principles and their applications. Understand how decisions and actions affect the economy locally, nationally and internationally.
		Course Title: **Classical Sociological Thinkers** **Course Code**: **MASO102CCT**	Economic ideas did not evolve in isolation, but were an integral and important part of the evolution of modern social thought. Prevailing ideas of science, scientific rigour and measurement played a significant role in the shaping of economic science at each stage of its evolution. This course, tracing the history of economic thought, would enable the student to understand the evolving process of the economic discipline.
		Course Title: Indian Society: Continuity and Change **Course Code**: MASO101DST	• Able to make analyses of the economic facts and draw inferences for the economic analyses • Able to use mathematical and statistical tools for economic theories Able to draw economic interpretation from the application of quantitative tools to economic theories
		Course Title: **Family, Marriage and Kinship** **Course Code**: **MASO102DST**	• Pupils make an understanding about the importance of vital statistics in economics • Students are able to analyse various theories on demography • Students able to understand the interdependence between population, environment and economic development Students aware about the causes and consequences of migration
		Course Title: **Social Stratification**	Social stratification takes on new meanings when it is examined from different sociological perspectives— functionalism, conflict theory, and symbolic

		Course Code: **MASO103DST**	interactionism. The out comes as part of this course are; Understand and apply the theories on social stratification It provides examples of social stratification in the society The students will learn about social stratification and about common types of social distinctions. Think about your current life situation.
Semester-2
		Course Title: **Contemporary Sociological Thinkers** **Course Code**: **MASO201CCT**	Upon successful completion of this course students would be able to • Understand the Concepts, issues and challenges International trade and Finance • Know the importance of External sector in India's economic growth and development • Application of International Economic Theory in the context of India • Have exposure to Indian Economic Data and its critical analysis • Issues and challenges of Bop in the context of India • Understand and analyze different policy initiatives taken by the government and other institutions • Understand how decisions and actions affect the economy locally, nationally and internationally.
		Course Title: **Approaches to the Study of Indian Society** **Course Code**: **MASO202CCT**	Upon successful completion of this course, the students would be able to understand Demand for Money, Supply of Money, Economic Stabilisation, Monetary Policy and Monetary Management. This course by combining a systematic discussion of the theory, institutions and policy will enhance comprehensive understandings of monetary issues with special reference to India
		Course Title: **Research Methods in Social Sciences** **Course Code**:	• Pupil understands the relation and importance of agriculture in economic development. • Students able to thoroughly comprehend the functional relationship between agricultural input and output and methods to increase resource use efficiency. • Pupils understand the importance of agricultural price policy and the main functions of agricultural markets.

		MASO203CCT	• Students comprehend the effect of globalization and changed world economic order and rules in agriculture.
		Course Title: Rural Sociology **Course Code**: MASO201DST	Upon successful completion of this course students would be able to • Understand the Concepts, issues and challenges of labour and labour markets. • Have exposure to Indian labour Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions Understand how decisions and actions affect the economy locally, nationally and internationally.
		Course Title: **Religion and Society** **Course Code**: **MASO202DST**	*This course, tracing the history of socio-economic exclusion, would enable the students to understand the evolving processes of exclusion and inclusion in the society.* They would also learn to identify the ways and means of inclusion to minimize the existing socio-economic inequalities in the society.
		Course Title: **Economic Sociology** **Course Code**: **MASO203DST**	As Schumpeter claimed, economic sociology was an overlap between economics, that was primarily concerned with "institutions and other social forces shaping economic behavior" and sociology, that was primarily concerned with "sociological preserves." This idea highlighted the importance of sociology of knowledge, institutions, and comparative-historical sociology, instead of simply relying on the "pure economic theory." Outcomes include; Differentiate between economic systems and discuss theoretical views of economics Define globalization and describe its manifestation in

			modern society
			Describe working conditions in the society
		Course Title: **Science and Society** **Course Code**: **PGSO201GET**	The objective of the course is to enable students to understand science as a socio-cultural product in specific socio-historical contexts. The course exposes students to philosophical, historical and sociological perspectives to look at science as a practice deeply embedded in culture and society. It emphasizes the dynamic nature of the relations between wider cultural practices on one hand and scientific practices on the other. The attempt is to equip students with an understanding indispensable for an in-depth study of science-technology-society dynamics.
Semester-3			
		Course Title: **Modern and New Sociological Theories** **Course Code**: **MASO301CCT**	• Students able to understand measures of general health status • Pupils understand the economic value of health and health care. • Students are able to understand problems and prospects of health insurance • Pupils comprehend economic dimensions like demand, supply and financing of health care
		Course Title: **Urban Sociology** **Course Code**: MASO302CCT	**Course Outcomes:** Upon successful completion of this course students would be able to • Understand the various concepts, issues and challenges of economic growth and development. • Know the importance of different sectors in India's economic growth and development • Application of Economic Theory in the context of India • Have exposure to Indian Economic growth and development Data and its critical analysis • Understand and analyse different policy initiatives taken by the government and other institutions

			• Demonstrate competence in using diagrams and graphs to explain economic principles and their applications. • Understand how decisions and actions affect the economy locally, nationally and internationally.
		Course Title: **Population and Society** **Course Code**: MASO303CCT	**Course Outcomes:** This course will enable the students to understand fundamentals of applied economic research and its methodologies. After doing this course students will be able to select appropriate quantitative methodologies to conduct the study .This course will help them to identify appropriate research topics, select and define appropriate research problem and parameters, prepare a project proposal , organize and conduct research in a more appropriate manner and write a research report and thesis .This course will also familiarise them with basic approaches to qualitative research, case studies, in-depth interviews, focus group discussions. This course will also develop an understanding of the ethical dimensions of conducting research study in economics.
		Course Title: **Sociology of Gender** **Course Code**: MASO301DST	**Course Outcomes:** This course would enable the students to understand the range of Islamic financial instruments available for investors and corporations, current practices of Islamic banks, their relationship with non-financial corporations, merits and weaknesses of Islamic finance and the scope for co-operation between conventional and Islamic financial institutions.
		Course Title: **Sociology of Islam and Muslim Communities**	**Course Outcomes:** • Pupils able to comprehend importance of education as an instrument for economic growth • Students learn to do cost-benefit analysis in educational context

		in India **Course Code**: MASO302DST	• Pupil comprehends the importance of planning and financing in education • Learner understand the problems and policy issues in education in general and specific in Indian context
		Course Title: **Environment and Society** **Course Code**: **MASO303DST**	**Course Outcomes:** Upon successful completion of this course, students should be able to: • Explain the behaviour of buyers and sellers in the market using basic economic theories • Explain the role of government in influencing buyer and seller behaviour in the market • Describe basic economic theories that explain economic outcomes of the aggregate economy • State basic economic principles that influence global trading and the challenges relating to globalization • Recognize and analyze common economic issues which relate to individual markets and the aggregate economy • Explain economic events in individual markets and the aggregate economy using basic economic theory and tools • Outline the implications of various economic policies on individuals and on the economy • Demonstrate competence in using simple diagrams and graphs to explain economic principles and their applications. • Appreciate how your individual decisions and actions, as a member of society, affect the economy locally, nationally and internationally.
		Course Title: **Sociology of Culture and Mass Media** **Course Code**: **PGSO301GET**	Sociology of culture and Mass Media provides students with the opportunity to study the nature and transformation of media and cultural forms at an advanced level. The programme gives students a firm grounding in the theoretical and empirical analysis of media and culture and enables them to study particular media and cultural forms in-depth, examining

			their transformations over time and their impact on other aspects of social and political life.
		Semester: 4	
		Course Title: **Sociology of Development** **Course Code**: **MASO401CCT**	**Course Outcomes:** • Students are able to understand the basic features of Indian economy • Students understand the status and changes in the scenario of agriculture and industry in India • Students able to understand reforms occurred in India in financial sector and fiscal policy measures • Pupils comprehend the effect of globalization and WTO in Indian economy
		Course Title: **Social Movements in India** **Course Code**: **MASO402CCT**	**Course Outcomes:** • *Understand the role of the government in the dynamics of and economic system* • *Understand the functions of the government from the point view of economics* • *Understand the income and expenditure system of the government*
		Course Title: **Sociology of Education** **Course Code**: **MASO401DST**	**Course Outcomes:** • Understand the econometrics as a discipline distinct from mathematics and statistics • Understand the concepts of association among the variables and its application in economics • Able to use econometrics tools in economics
		Course Title: **Sociology of Deccan**	**Course Outcomes:** On successful completion of the course, the student will be able to gain insight into the socio-economic structure of

		Societies **Course Code**: MASO402DST	rural India .They will also understand the multi-dimensional problem and their solutions through the Govt.'s initiatives on Wage employment, self-employment and entrepreneurship development – special area development programs focusing on India's rural development.
		Course Title: **Sociology of Health and Medicine** **Course Code**: MASO403DST	**Course Outcomes:** • Students enable to understand various features of Indian economy in detail • It helps the students to develop comprehension on issues and challenges prevailed in India economy • It helps to create critical evaluation among students about the problems and development issues of India • It helps the students to understand importance of different sectors and their contributions to Indian economy in a brief • It creates and ability to suggest solutions and policy formulae for the development of Indian Economy
		Course Title: **Dissertation** **Course Code**: **MASO450CCP**	The course on dissertation work for the students allows them to develop ability to design, execute and write up a piece of original research in sociology. It will explore the methodologies and methods applied in contemporary social science research to enable the students to select an appropriate range for their own research and analytical needs.

Department of Translation

M. A. in Translation Studies Outcomes

1. M.A, in Translation Studies program prepare students for further higher studies and research with doctoral program in Translation studies, prepare them as professional Translators in various fields of knowledge.

Further, the students shall be able to:

2. Demonstrate knowledge of the history of Translation, various theories of Translations, major movements of translation in world and particularly with special reference to Urdu language.

3. Demonstrate critical analytical skills in the evaluation of Translated texts.

4. Demonstrate knowledge of various types of Translations.

M. A. in Translation Studies Course Outcomes

I Semester	
Course Title: **Translation and its Historical Background** Course Code: **MATS101CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Explain the growth and development of Translation and some basic concepts related to it. Discuss and define Translation Studies.
Course Title: **A brief History of Urdu Language** Course Code: **MATS102CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Understand and explain intra lingual impacts especially the impacts of Arabic, Persian, Hindi, ad English on Urdu language.
Course Title: **Urdu Usage** Course Code: **MATS103CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Read, write and comprehend Urdu content with perfection and translate in English and vice versa without major errors.
Course Title: **English Usage** Course Code: **MATS104CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Read, write and comprehend English content with perfection and translate in Urdu and vice versa without major errors.

II Semester	
Course Title: **Machine Translation - I** Course Code: **MATS201CCT**	**Course Outcomes:** On completion of this course, the student will be able to:, Understand and define the basic concepts of machine translation (MT) and its historical evolution. Comprehend theoretical consideration of machine translation. Review 3 generations of MT designs: direct (dictionary-based), rule-based, and corpus-based. Establish links between the set of traditional linguistic components and their correlative automatic outcomes (i.e. MT design). Understand the problems and challenges of Machine Translation especially with reference to Urdu Language do basic error analysis.
Course Title: **Terminology and its Significance** Course Code: **MATS202CCT**	**Course Outcomes:** On completion of this course, the student will have Enhanced they ability to deal with terminological problems of a theoretical, as well as of an practical, field-oriented nature. Demonstrate fixing and coining terminologies in Urdu for important terms of other languages in various fields. Comprehend the scope and aptitudes of career in the field of terminology.
Course Title: **Theories and Principles of Translation** Course Code: **MATS203CCT**	**Course Outcomes:** After completion of this course student will be able to: Understand and classify various theories of Translation, and compare with each other.
Course Title: **Applied Linguistics & Lexicography (With special reference to English & Urdu)**	**Course Outcomes:** After completion of this course student will be able to: Understand and classify Linguistics and Applied linguistics

Course Code: **MATS204CCT**	Define various parts of Linguistics Understand the procedure of Lexicography.

III Semester	

Course Title: **Machine Translation II** Course Code: **MATS301CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Comprehend and explain use of Machine Translation. Know about the Institutions, Projects, and research and development activities in MT. Understand, explain and apply different concepts for the evaluation of MT systems.
Course Title: **Practical Aspects of Translation and its Criticism** Course Code: **MATS302CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Understand the concept of the theme and main ideas of the text; Relate the theme to other ideas found in a text as well as supporting ideas; Read aloud and make appropriate pauses-guided by punctuation; Be able to infer meaning of new vocabulary from the surrounding context. Compare and evaluate and review Translations and Co-Translations.
Course Title: **Translation Project – I** Course Code: **MATS350CCP**	**Course Outcomes:** On completion of this course, the student will be able to: Translate and edit from optional language (Arabic/Persian/Hindi/Telugu/English) to Urdu and Vice versa)
Course Title: **Translation of Scientific, Technical and Technological Documents** Course Code: **MATS301DST**	**Course Outcomes:** On completion of this course, the student will be able to: Comprehend and explain Theoretical considerations and Practical aspects of translation of Scientific and Technological Documents. Translate scientific, technical and technological documents.
Course Title: **Translation of Social Sciences, Administrative and Legal Text**	**Course Outcomes:** On completion of this course, the student will

Course Code: **MATS302DST**	be able to: Comprehend and explain Theoretical considerations and Practical aspects of different branches of social Sciences. Translate documents of different branches of social Sciences, Religious Texts, Administrative and Legal documents.
IV Semester	
Course Title: **Refining Translation** Course Code: **MATS401CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Understand and explain the art of editing in Translation and perform editing with confidence and excellence. Understand and explain required Editing skills in Translation and also lighten different Approaches and attitudes of editors.
Course Title: **Tools of Translation** Course Code: **MATS402CCT**	**Course Outcomes:** On completion of this course, the student will be able to: Understand and use the available tools of Translation. Explain the applications of tools of Translation.
Course Title: **Translation Project - II** Course Code: **MATS450CCP**	**Course Outcomes:** On completion of this course, the student will be able to: Translate and edit from optional language (Arabic/Persian/Hindi/Telugu/English) to Urdu and Vice versa)
Course Title: **Literary Translation** Course Code: **MATS401DST**	**Course Outcomes:** On completion of this course, the student will be able to: Comprehend Translation as an instrument of linguistic and literary criticism. Translate Prose, Poetry and children's literature qualitatively.
Course Title: **Translation for Media** Course Code: **MATS402DST**	**Course Outcomes:** On completion of this course, the student will be able to: Comprehend Journalistic Translation and Translation of mass media along with Multimedia, Multi-lingua and get an idea of

	their Multiple Challenges.
	Translate Journalistic and media content especially Editorial, Articles, News ,Advertisements, and Film Translation. Also do Subtitling and Text Compression.

Ph. D. in Translation Studies Program Outcomes

The PhD programme in translation studies is intended not only at translators and interpreters, but also at those who encounter translation in other roles relating to inter linguistic and intercultural conciliation, such as those who make use of interpreting skills, or administrators of translation tasks, editors and others in the publishing field, and those who work in the media, in public relations and in similar areas. It will also play an vital role in the development of the academic and research staff who will be responsible for translation study programmes in the future, ensuring that they are on a par with similar courses of study elsewhere in India. Due to the current availability of the relevant expertise, the programme places more emphasis on translation than on interpreting. Further this will pave the way to establish proper research orientation in the discipline with respect to Urdu language too.

The program of study leading to the doctoral degree in Translation Studies is organized to attain the following objectives:

- to enable students to engage in advanced study and research with scholars in the field of Translation Studies

- to foster original and scholarly research that contributes to this field

- to enable graduates to integrate their professional education and experience with the larger problems of the professional translators and interpreters

Ph. D. in Translation Studies Specific Outcomes

Scholars shall make considerable contributions to the existing knowledge of the field and able to contribute in the following:

- Critically apply theories, methodologies, and knowledge to address fundamental issues in TS,

- Practise research of significance in TS or an interdisciplinary or creative project. Students will develop the rational autonomy that characterizes true scholarship,

- Express skills in oral and written communication sufficient to publish and present work in TS and to prepare grant proposals,

- Follow the principles of ethics in TS and in academia in general,

- Demonstrate, through service, the value of TS to the academy and community at large,

- Demonstrate knowledge at a level required for university undergraduate teaching in TS and assessment of student learning,

- Interact productively with people from diverse backgrounds as both leaders and team members with integrity and professionalism.

Ph. D. in Translation Studies Course Outcomes

Course Title: **Methodological Approaches in Research of Translation Studies** Course Code: **PHTS101CCT**	**After completing this course the scholars must be able to** 1. Introduce the Research Methodology with proper understanding of different types of research, its key concepts, Structure of dissertations, and write-up chapter structure. 2. Comprehend and plan Research models with proper aims and objectives, draw the hypotheses and prepare the required research rubrics. 3. Prepare Research Strategies, and design Qualitative and Quantitative Research, Interpreting Theory and Practice, relevance hypothesis and be able to draw result. 4. Prepare proper reference and notes: 5. Understand and value Research Culture and Ethics.
Course Title: **Research paradigms in Translation Studies** Course Code: **PHTS102CCT**	**After completing this course the scholars must be able to** 1 **Understand** Research paradigms in Translation Studies **2** define and derive the Role of Translation Theory in TS and have courage to r**e-think and redefine Translation Theory** 3 Comprehend the Globalized approaches of translation and Interpreting studies: 4 Understand the challenges of researching translation and interpreting in new settings: 5 Realize interdisciplinary, multidisciplinary and interaction with neighboring disciplines.
Course Title: **Translation and History of Translation** Course Code: **PHTS101DST**	**After completing this course the scholars must be able to** 1. Visualize Translation and History of Translation 2. Have an insight in Basics of Translation and understand Issues and problems of Translation 3. Envisage Origin and Development of Translation in Global perspective(in Different Periods and Cultures). 4. See Origin and Development of Translation in Urdu.
Course Title: **Theories of Translation** Course Code: **HTS102DST**	**After completing this course the scholars must be able to** 1. Discuss Why theorize about translation? 2. Understand Some important theorist in Translation 3. Visualise Global Canvas of Translation theories 4. Explain Translation theory in Indian perspective 5. Theorize Urdu Translation
Course Title: **Literary Translation** Course Code: **PHTS105DST**	**After completing this course the scholars must be able to** 1. Explain Translation as an instrument of linguistic and literary criticism. The Problematic Areas in Literary Translation. 2. Relate Literary translation recent theoretical developments. 3. Analyse and evaluate approaches of translating Prose and Poetry.

Department of Urdu

M A Urdu programme outcomes:

1. MA Urdu Program prepares students for further higher studies or Doctoral Programme in Urdu, for professional writing career and for teaching Urdu in schools, colleges and universities etc.
   It also Prepares students to qualify NET/JRF & SET and other competitive examinations.

2. Demonstrate knowledge of the history of the Urdu language, literary history, major periods, authors, genres, literary theories and rhetoric.

3. Demonstrate critical and analytical skills in the evaluation of any text.

4. Demonstrate a command of written academic Urdu.

5. Possess knowledge of linguistics, Urdu language teaching, advanced phonetics.

6. Demonstrate a reading knowledge of English.

M.A Urdu Programme specific outcomes:

The students shall be able to

1. Demonstrate knowledge of Deccani Literature, Classical Poetry, Modern Poetry, Urdu Literature of Sub -Continent, Classical Prose, Modern Prose, Criticism, Literary Movements, Basics of Journalism and Translation, Cultural Studies, Dalit Literature, Feminist Literature, Basic Linguistics, Urdu Language Teaching etc.

2. Develop complex reading and research skills.

3. Develop and display understanding of literary theory

4. Develop the knowledge and appropriate use of textual material and secondary sources.

M.A Urdu course outcomes

Course Title: Lisaniyaat Course Code: MAUR101CCT	Course Outcome: After the completion of this specific course, the learner will be able to comprehend the evolution and dynamics of a language especially about its source of the evolution, its components and distention. As well as about its generic relationship with registers and colloquials and different explanatory theories dealing with these aspects of language.
Course Title: Tareekh-e-Adab-e-Urdu Course Code: MAUR102CCT	Course Outcome: Upon the completion of the course students are expected to have learnt about the origin, evolution and development of the Urdu Language and Literature.
Course Title: Dastaan Course Code: MAUR103CCT	Course Outcome: The students will elucidate the linguistic literary cultural and moral values of Urdu Dastan (Romance). The students will explain the old Indian Stories of Puranas, Jataka etc.
Course Title: Classiki Asnaf-e-Sher (Masnavi, Marsiya, Qaseeda) Course Code: MAUR104CCT	Course Outcome: The student will appreciate the classical genres of Urdu poetry i.e., Masnavi, Marsiya and Qaseeda. They will elucidate the customs, traditions and other aspects of culture and civilization of Delhi and Lucknow.
Course Title: Deccani Adab Course Code: MAUR201CCT	Course Outcome: The students would accumulate knowledge to elaborate the linguistic qualities of Deccani Language and Literature. They will recite Deccani prose and poetry. They can explain the importance of Deccani Culture
Course Title: Urdu Ghazal Course Code: MAUR202CCT	Course Outcome: 1. Introduction of Urdu ghazal poetics. 2. Knowledge of the origin and development of Urdu ghazal 3. Salient features of Delhi School and Lucknow School of Poetry and discuss the merits of both schools. 4. introduction of the progressive Urdu ghazal, modern Urdu ghazal and post-modern Urdu ghazal. 5. Critical analysis of the selected text of established and famous poets of Urdu ghazal

Course Title: Urdu Novel Course Code: MAUR203CCT	Course Outcome: 1. Study of the novel make aware about the Culture, Society and Sociopolitical Scenario of that particular era, in which it was written. 2. It enriches the vocabulary and diction of the learner. 3. Study of novel develop critical and broad thinking about the society. 4. Novels gives us wisdom about the different dimensions and problems of different classes of the society.
Course Title: Meer Course Code: MAUR201DST	Course Outcome: Meer Taqi Meer was an Urdu poet and Anthologist of 18th Century. Through this course, the students will be able to take in to account the period of Meer, his life personality and literary contributions. They will also be able to explain Meer's thoughts imagination and art as reflected in his poetry.
1) Course Title: Anees Course Code: MAUR202DST	Course Outcome: 1. Knowledge regarding life and personality of Mir Anees. 2. Understanding the characteristics of writing of Mir Anees. 3. Understanding the thought and poetic art of Mir Anees.
Course Title: Iqbal Course Code: MAUR203DST	Course Outcome: Through this course the students will be able to take into account the age of Iqbal, his life, personality, Literary contribution. They will also be able to explain Iqbal's philosophical thoughts and art as presented in his poetry.
Course Title: Sir Syed Course Code: MAUR204DST	Course Outcome: Upon the completion of the course, students are expected to have learned about the contribution and impact of Sir Syed Ahmad in Urdu Language, Literature and print Media and Education
Course Title: Faiz Course Code: MAUR205DST	Course Outcome: At the end of this course students will be able to understand and appreciate the importance of progressivism, humanism and role of marginalized and have nots in the building of inclusive society as Faiz Ahmed Faiz's poetry is of the best manifestation

	above mentioned concerns.
Course Title: Quratul Ayen Hyder Course Code: MAUR206DST	Course Outcome: After the completion of this course the learner will be able to understand the social, political and economic conditions of a particular class and its literary expression in Urdu fiction. This course will also make students able to know the psychological impacts of partition and nostalgic views of writer.
Course Title: Tanqeed Course Code: MAUR301CCT	Course Outcome: Upon the completion of the course students are expected to learnt how to study criticism and how to apply critical thinking to analyses any piece of literary work.
Course Title: Zaraye Iblagh aur Tarjuma Course Code: MAUR302CCT	Course Outcome: At the end of this course, students will be able to know the history of print and Electronic Media in India. Its evaluation and changing facets. Apart from this they will be able to understand the role and importance of translation, its theories and applications other than this, they will be also be able to know the techniques of page making, writing and editing news and its other technical parts.
Course Title: Urdu Afsana Course Code: MAUR303CCT	Course Outcome: Short story is the most popular genre of Urdu fiction. It can discuss any problem of society. After completion of the Course, the students are expected to learn about the various types of short stories like progressive story, mini story and modern story etc and analyze the literary text.
Course Title: Ghair Afsanvi Adab ki Ahem Asnaf ka Mutalia Course Code: MAUR304CCT	Course Outcome: Upon the completion of the course students are expected to have learnt about the similarities and differences between fiction and Non - Fiction. Importance of Non - Fiction literature genres i.e. Auto Biography, Biography, Sketches, Literary letters, Travelogue Reportages etc.
Course Title: Tanqeed ke Naye Tasawwurat Course Code: MAUR401CCT	Course Outcome: 1. Students will know about western concepts of criticism and different schools of thought of criticism 2.Create awareness about the new concepts of criticism i.e., deconstruction, intertextualism and post-colonial criticism. 3. Knowledge of Eastern Criticism

	4. Knowledge of different critical theories and eminent Urdu Critics, thoughts like Majnu Gorakhpuri, Ehtesham Hussain, Aal-e-Ahmad Suroor, Miraji, Gopichand Narang, Shamsur Rahman Faruqui, Waris Alvi and M.Hasan Askari
Course Title: Urdu Nazm Course Code: MAUR402CCT	Course Outcome: Upon the completion of the course students are expected to have learnt about the poem / verse (genre of poet) and types of verse like Blank verse, Free Verse etc and Understand, appreciate and analyzed the literary text.
Course Title: Mutaliaat –e- Maulana Azad Course Code: MAUR403CCT	Course Outcome: Upon the completion of this course, students will be able to understand the importance of hard earned independence, rational unity, secularism and role of Maulana Abul Kalam in achieving all these especially the contributions of Azad towards politics, education and Urdu Literature.
Course Title: Tanz-o- Mizah Course Code: MAUR401DST	Course Outcome: Upon the completion of the course students are expected to have learnt to develop the sense of humor and the understanding of contradictions of life and society through the Lighter way. The satirical approach of the writer is for betterment, upliftment and reformation of the society and individual.
Course Title: Drama Course Code: MAUR402DST	Course Outcome: After the completion of this course, the students will be able to appreciate drama and throw light on the development of Drama in western countries and in India. They will be motivated to participate in the dramas.
Course Title: Funoon - e- Latifa Course Code: MAUR403DST	Course Outcome: Upon the completion of course the scholars are expected to have learnt to understand the aesthetic values through Fine Arts, and various type of Fine Arts like literature, painting, Music, Dance, Architecture, Calligraphy etc. 1. Students will be able to know about different forms of Fine arts and its importance in human life, after completion of this course. 2. They will also know about the influence of new inventions and technologies on fine arts.

	3. Aesthetical sense and ability will be developed through the study of important and selected master pieces of fine arts.
Course Title: Film Sanat (Hindustani Cinema) Course Code: MAUR404DST	Course Outcome: 1. After completion of this course students will be able to know the art and techniques of cinema, evolution of Indian Cinema and role of Urdu Poets and Writers in the development and promotion of Hindi films. 2. Students will also know about the films made on the Urdu fiction and contributions of Urdu writers and poets towards script writing, songs writing, Dialogue and Screenplay writing.
Course Title: Urdu Shanasi-I Course Code: PGUR101AET	After completing this course the Non-Urdu students will be able to understand, speak, read and write Urdu correctly.
Course Title: Ghalib Course Code: PGUR101GET	Course Outcome: 1. Understanding of Socio-cultural Scenario of Ghalib's era 2. Knowledge of Mirza Ghalib's life, personality, thoughts and literary contributions. 3. Understanding of important qualities of poetry and prose writings of Mirza Ghalib.
Course Title: Prem Chand Course Code: PGUR202GET	Course Outcome: 1. Students will know about the era of Prem Chand and its impact on fiction of Prem Chand. 2. Learners will be aware about the life, Novel writing and Short Story Writing of Prem Chand and its impact on his successors. 3. Understanding will be developed about the plight of the farmers, Labourers and Women of India in first half of Twentieth Century
Course Title: Urdu Shanasi-II Course Code: PGUR301AET	Course Outcome: After completing this course the Non-Urdu students will be able to appreciate and recite correctly Urdu prose poems and ghazals. They will be able to differentiate various genres of Urdu literature.

B.A Urdu

B.A programme outcomes Program specific outcomes and course outcomes

B.A programme outcomes:

1.   Urdu Course (papers) in B.A programme prepares students for further higher studies like, B.Ed, M.A etc with Urdu subject (course) for professional writing career and for teaching in schools, it prepares students to qualify competitive exams. After the completion of the course the students shall be able to:

2.   Demonstrate knowledge of the history of the Urdu language and literature its major periods, genres and literary theories.

3.   Demonstrate critical and analytical skills in the evaluation of literary text.

4.   Demonstrate a command over scholarly written Urdu.

B.A programme with Urdu course specific outcomes:

The students shall be able to

1. Demonstrate the knowledge of Urdu language and literature.

2. Read, understand appreciate and analyze the text of various genres from prose and poetry.

B.A courses outcomes:

Course Title: Tareekh-e-Adab-e-Urdu Course Code: BAUR101CCT	Course Outcome: Upon the completion of the course students are expected to have learnt about the origin, evolution and development of the Urdu Language and Literature.
Course Title: Classiki Shairy (Masnavi - Marsiya - Qasida) Course Code: BAUR201CCT	Course Outcome: The student will appreciate the classical genres of Urdu poetry i.e., Masnavi, Marsiya and Qaseeda. They will elucidate the customs, traditions and other aspects of culture and civilization of Delhi and Lucknow.
Course Title: Nasri Asnaf Course Code: BAUR301CCT	Course Outcome: Upon the completion of the course students are expected to learnt how to study criticism and how to apply critical thinking to analyses any piece of literary work.
Course Title: Sheri Asnaf I (Ghazal, Nazm, Rubai) Course Code: BAUR401CCT	Course Outcome: 1. Introduction of Urdu ghazal poetics. 2. Knowledge of the origin and development of Urdu ghazal 3. Salient features of Delhi School and Lucknow School of Poetry and discuss the merits of both schools. 4. introduction of the progressive Urdu ghazal, modern Urdu ghazal and post-modern Urdu ghazal. 5. Critical analysis of the selected text of established and famous poets of Urdu ghazal. The students are also expected to have learnt about the poem / verse (genre of poet) and types of verse like Blank verse, Free Verse etc and Understand, appreciate and analyzed the literary text.
Course Title: Akbar Allhabadi Course Code: BAUR501DST	Course Outcome: After the completion of this course the students shall be able to explain the importance of humor and satire in literature. They can explain and appreciate the humors poetry of Akber Ilahabadi and its relevance to present day life.
Course Title: Nazeer Akbarabadi Course Code: BAUR601DST	Course Outcome: Upon the completion of this course the students shall be able to explain in relation between Indian culture

	and Urdu poetry. They can appreciate the works of Nazeer Akbarabadi in the perspective of Indian Culture.
Course Title: Mujtaba Hussain Course Code: BAUR602DST	Course Outcome: After completing this paper the students shall be able to describe the tradition of humor in Urdu prose. They can point out the relevance of Mujtaba Hussain's humor and satire in todays life.
Course Title: Aamozish-e- Urdu Course Code: UGUR101AET	Course Outcome: After completion of this course the students shall be able to read understand appreciate various genres of Urdu prose and poetry.
Course Title: Intekhab-e-Zuban-o-Adab-I Course Code: UGUR501GET	Course Outcome: After completion of this course the students shall be able to understand and appreciate Urdu prose and poetry.
Course Title: Intekhab-e-Zuban-o-Adab-II Course Code: UGUR601GET	Course Outcome: After completion of this course the students shall be able to understand and appreciate Urdu prose and poetry.

Ph. D Urdu

Ph.D programme outcomes, programme specific outcomes and course outcomes:
Ph.D programme outcomes:
Scholars shall make contribution to the existing body of knowledge; the contribution shall be in the form of:

1. Discovering new pattern of knowledge.

2. Solving problems of the issue related with language, literature, culture and society.

3. Reviewing or revising the existing fields of discipline by discovering or establishing new perspectives.

4. Bringing new perspectives through interdisciplinary approach to the established disciplines.

5. Studying and analyzing literary texts or languages text and contextualizing them to the present times for the benefit of the society.

6. Demonstrating knowledge of best practices, regarding research and documentation of research.

7. Carrying out all research activities ethically.

8. Participating in conferences/ seminars and demonstrating knowledge of research skills, presentation skills, critical and analytical skills.

9. Demonstrating high-level of proficiency in language / literary research and in the synthesis of research.

10. Conducting research independently and supervising any study that leads to substantial original thesis.

11. Theorizing any form of composition.

12. Applying interdisciplinary approach to the field of research undertaken for study.

Ph.D Programme specific outcomes:

The scholar shall be able to

1. Advance existing methods of Urdu language teaching.

2. Introduce new methods of teaching for the acquisition of Urdu from school to post graduate levels.

3. Demonstrate high level of proficiency in language research.

4. Teach undergraduate and postgraduate level Urdu courses.

5. Demonstrate the skill in reading and understanding Urdu manuscripts. They will be able identify the date and identify the style of calligraphy of any particular manuscripts. The scholar will be able to elaborate the literary, cultural and linguistic value of old manuscripts.

Ph.D programme specific outcomes:

The scholar shall be able to

1. Demonstrate an appreciation for the work of literature from different eras / periods.

2. Demonstrate mastery of the discipline by tracing the development, advancement and current practices of literary studies, rhetoric etc.

3. Demonstrate critical skills in the interpretation and evaluation of literature.

4. Participate in the profession of literary studies through seminars, conferences, publications and memberships.

Ph.D courses outcomes:

Course Title: Research Methodology Course Code: PHUR101CCT	After the completion of this course the research scholars shall be able to apply various methods and techniques of research on any topic of research. He would like to carry out research upon. They can explain the need and importance of literary research. They can describe the history of literary research in Urdu.
Course Title: Mutalaa -e- Adab ke Tareeq-e-Kar Course Code: PHUR102CCT	After the completion of this paper the research scholars shall be able to apply various theories of criticism on literature. They can have a better understanding and appreciation of literature in the socio-economic philosophical and psychological perspective.
Course Title: Poetry Course Code: PHUR101DST	Upon the completion of this course the research scholars shall be able to articulate the evolution of various genres of Urdu poetry like Ghazal, Nazm, Masnavi and Marsia. They can criticize and evolution any piece of poetry int eh light of literary para meters.
Course Title: Fiction Course Code: PHUR102DST	Upon the completion of this course the research scholars shall be able to understand the origin and development of Urdu Dastan, Urdu Novel, Urdu short story and Urdu Drama. They can track out the tradition of each genre and appreciate any fiction writing.

Course Title: Non Fiction	Course Outcome:
Course Code: PHUR103DST	Upon the completion of the course research scholars are expected to have learnt about the similarities and differences between fiction and Non - Fiction. Importance of Non - Fiction literature genres i.e. Auto Biography, Biography, Sketches, Literary letters, Travelogue Reportages etc.

Department of Women Education

Programme Outcomes:

Programme	Outcome
PG	After completing the PG Course in WS, a student should be able - 1. To view the world with a critical analytical approach grounded in social justice framework. 2. Identify and explain core concepts in the field of gender, and women's studies. 3. Critically analyze historical and contemporary issues from a feminist perspective. 4. Demonstrate proficiency in specialized topics in the field that may include knowledge of feminist movements, intersectional,, masculinity studies, critical development studies, gender-based violence, and gender and human rights, etc. 5. Develop effective communication skills through empirical based oral and written assignments- field reports, dissertations. 6. Students should demonstrate the ability to design and conduct independent feminist analysis research, or creative work; and also will demonstrate the ability to conduct interdisciplinary feminist analysis.

Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
PG	1: Introduction to Women's Studies	MAW S101C CT	After completion of this paper the learner will equip with basic knowledge about women's studies, gender concepts and various issues related to female children and women and the manifestation of gender inequality in the society.
		MAW	After completing the course the students will

		2: Feminism and Feminist Theories	S102CCT	acquainted with various issues women are facing their styles the emergence of feminist movements at global level to improve their status. The student will have developed a critical understanding of concepts and theories of feminism and the thinkers.
		3: Women's Status in India	MAWS103CCT	After completion of this paper, the student will be equipped with the multiple role playing of women in the family and society and also influences of various social institutions, especially to recognize and realize the invisible and unrecognized work of women.
		4: Research Methodology in Women's Studies	MAWS104CCT	After studying this paper, the learner will be able to think about a) how to incorporate gender in social science research b) gains the ability to analyze the data of various sample surveys c) it also provides basic statistical concepts and research design.
		5: Women and Environment	MAWS201CCT	After going through the paper the learner will be able to think (a) the need for maintaining sustainable development, (b) and able to analyze the gender roles in maintaining environmental quality.
		6: Women and Education	MAWS202CCT	The paper will equip the students to understand the significance of women's education, the present status. Various efforts government has adopted to improve their situation and the gender bias in contents.
			MAWS203CCT	After completion of this paper the students will equip with knowledge about the significance of technology for women advancement and the role of entrepreneurship for their development. It also provides knowledge of various

	7: Women and Entrepreneurship	MAW S301C CT	ED Agencies and government schemes available.

After studying this paper the learner will be able to develop a clear and precise understanding of Women's Rights and able to analyze the laws and acts that protect women from violence. |
	8: Women and Law	MAW S302C CT	Provides knowledge of gender bias, voyeurism and objectification of women in media. Understand and critically engaged with the key theoretical and critical debates concerning feminist media studies. It will also provide the knowledge about the law related to indecent representation of women in media.
	9: Women and Media	PGWS 302DS T	After completion of this paper the learner will be able to examine the status of Women in India with a gender perspective, and will be equipped with the knowledge of contributions of Indian Women and the emergence of Women's Rights Movements during colonial period.
	10: Women in Colonial India	MAW S301G ET	The students at the end of the course shall get the thorough knowledge of basic concept of gender and its impacts on women and their identity. It also equips the student with various regulatory mechanisms available to combat gender inequality in public sphere. Also the paper provides the peek into the representation of gender in knowledge system media and literature.
	11: Introduction to Gender	MAW S401C CT	
	12: Women's Reproductive Health and	MAW S402C	After completion of this paper the student will have an understanding about significance of women's health and deficiencies related to food and nutrition. The students will also learn about the impacts of malnutrition on mother and child.

		Nutrition	CT	
		13: Women Development and Empowerment	MAW S401D ST	After completion of this paper, students will get acquainted with the basic concepts of development and Empowerment in a Gender perspective. This paper will equip the students with the knowledge of various Development models and Schemes of women Empowerment.
		14: Women and Religion	MAW S402D ST	After completion of this paper ,Students will be able to Know the Images of Women created by the Indian society, and they may get knowledge about the rights given to women in various religious texts and the differences in the existing Gender based practices of Indian society.
		15: Women and Human Rights	PGWS 401GE T	After studying this paper the learner will be able to develop a clear and precise understanding of Women's rights. The students will also be able to analyze the main laws and acts which protect women from violence.
		16: Women's Movement in India		The students shall get well equipped with various Women's Movements in the West and in India. After completion of this paper, students gains knowledge of Gender Issues and the Movements in contemporary India

Programme Outcomes:

Programme	Outcome
PhD	Research in WS stands with a unique perspective. At the end of research the scholar should be able 1. To analyze the ways in which power structures impact the material realities of women's lives. 2. Students should demonstrate the ability to critique ideological assumptions underlying social institutions and systems of representation, including but not limited to assumptions regarding gender, race, class, nationality, disability, age and sexual orientation.. 3. Students should demonstrate an understanding of women's historical and contemporary agency and how these have shaped women's lives in various geographic settings. 4. .Develop a sense of feminist agency to further principles of equality and justice through civic engagement.

Physics Section

9) Student Performance and Learning Outcomes:

(a)   Programme Outcomes:

Programme	Outcome
UG	
PG	NA
PhD	
Any Other	

(b)   Programme Specific Outcomes:

Programme	Specific Outcome
B.Tech./B.Sc./BA (for example)	After Completion of B.Sc(Physical Sciences) students can get employment like data entry operator, Lab Assistants and Technical Assistants. They can go to Higher education like M.Sc, MBA , MCA, MA and research Assistants.
M. Tech/M.Sc. /MA (for example)	NA
PhD (Basic sciences)	Direct Eligibility to become Assistant professors in government and corporate institutions or Post Doctoral Fellowship, Research Associates.
Any Other	

(c) Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
B.Sc-Physics	Mechanics	BSPH101CCT	The student is able to handle vectors analysis, differential equations and other mechanical concepts and Lab equipment.
B.Sc-Physics	Electricity and magnetism	BSPH201CCT	The student is able to follow the basic laws and concepts of electricity and magnetism along with their applications.
B.Sc-Physics	Waves and optics	BSPH301CCT	Study the principles, theorems and applications of sound waves and light waves. Handling optical Lab equipment.
B.Sc-Physics	Thermal Physics	BSPH401CCT	Student is able to understand concepts and laws of thermodynamics along with their applications. Handling of ACs and

			thermostats.
B.Sc-Physics	Digital, Analog circuits and instrumentation.	BSPH501DST	The student understands the basic functions of semi conductor devices and digital circuits along with their applications. Handling of all electronic gadgets and domestic equipment.
B.Sc-Physics	Elements of Modern Physics	BSPH601DST	The concepts of Modern Physics like quantum, Solid state, Atomic and nuclear physics are introduced and experimental techniques based on them are taught.

Ph.D. Course work
Physics Examination Syllabus

PROGRAMME OUTCOMES:

1. Students would be made aware of the Philosophy and Ethics, Scientific conduct for   pursuing career in Research and Development.

2. The Ph.D. course work in Physics is designed in such a way that the students will learn both theoretical and scientific techniques in Physics research.

3. Research Scholars would be taught different aspects of Advances in Physics likely to be useful in forefront areas of theoretical and experimental research.

PROGRAMME SPECIFIC OUTCOMES:

1. Students will be able to read and write scientific paper and preparing manuscript for publication.

2. Students will be aware of reputed National and International level Research Journals and their Impact factor and citation index.

3. In the first six months of course work, students will acquire knowledge in various areas of research in Physics and the importance of emergent areas also.

4. After completion of the course work students will independently take up writing thesis, Project proposals and forwarding to the funding agencies.

Course Specific Outcomes are mentioned for each Paper as follows:

Paper I : CORE COURSE – RESEARCH METHODOLOGY
Paper Code: PHPH101CCT
(60 Hours – 04 Credits – 100 (70TE+30IA) Marks – 03 Hrs Exam.)

Learning outcomes:

This course will help students understand different methodologies required for doing their

Research.

Specific Outcomes:

The student will learn about descriptive, applied, qualitative, quantitative and different types of research.

- Will be able to learn and select the best suitable research design methods. Also the various methods of data collection and analysing.
- Will learn to write Research Papers, Reports and thesis as well as Publishing in Research Journals.

UNIT 1   **(15 Periods)**

Introduction to Research Mothodologies History, methodology and philosophy of Science; Evolutionary Epistemology, Scientific Methods, Hypotheses Generation and Evaluation, Code of Research Ethics, Definition and Objectives of Research, Various Steps in Scientific Research.

Types of Research Descriptive vs Analytical, Applied vs Fundamental, Quantitative vs Qualitative, Conceptual vs Empirical.

UNIT 2   **(15Periods)**   **Formulation of**

Research Problem Defining and formulating the research problem -   Selecting the problem - Necessity of defining the problem - Importance of literature review in defining a problem – Literature review – Primary and secondary sources – reviews, treatise, monographs-patents – web as a source – searching the web - Critical literature review – Identifying gap areas from literature review - Development of working hypothesis.

Research design and methods – Research design – Basic Principles- Need of research design — Features of good design – Important concepts relating to research design – Observation and Facts, Laws and Theories, Prediction and explanation, Induction, Deduction, Development of Models. Developing a research plan - Exploration, Description, Diagnosis, Experimentation. Determining experimental and sample designs.

UNIT 3   **(15Periods)**

Data Collection and analysis: Execution of the research - Observation and Collection of data - Methods of data collection – Sampling Methods- Data Processing and Analysis strategies - Data Analysis with Statistical Packages - Hypothesis-testing - Generalization and Interpretation. Scientific packages like Mathematica, Matlab etc.

UNIT 4   **(15Periods)**

Reporting and thesis writing – Structure and components of scientific reports - Types of report – Technical reports and thesis – Significance – Different steps in the preparation – Layout, structure and Language of typical reports – Illustrations and tables - Bibliography, referencing and footnotes - Oral presentation – Planning – Preparation – Practice – Making presentation – Use of visual aids - Importance of effective communication .

Application of results and ethics - Environmental impacts - Ethical issues - ethical committees - Commercialisation – Copy right – royalty - Intellectual property rights and patent law – Trade Related aspects of Intellectual Property Rights – Reproduction of published material – Plagiarism - Citation and acknowledgement - Reproducibility and accountability

Reference Books

1. . Kothari, C.R., 1990. Research Methodology: Methods and Techniques. New Age International. 418p.

2. Sinha, S.C. and Dhiman, A.K., 2002. Research Methodology, Ess Ess Publications. 2 volumes.

3. Trochim, W.M.K., 2005. Research Methods: the concise knowledge base, Atomic Dog Publishing. 270p.

4. Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. An introduction to Research Methodology, RBSA Publishers.

5. Day, R.A., 1992.How to Write and Publish a Scientific Paper, Cambridge University Press.
6. Leedy, P.D. and Ormrod, J.E., 2004 Practical Research: Planning and Design, Prentice Hall.
7. Wadehra, B.L. 2000. Law relating to patents, trade marks, copyright designs and geographical indications. Universal Law Publishing.
8. Satarkar, S.V., 2000. Intellectual property rights and Copy right. Ess Ess Pub

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Paper II : CORE COURSE – ESSENTIALS OF PHYSICS
Paper Code: PHPH102CCT
(60 Hours – 04 Credits – 100 (70TE+30IA) Marks – 03 Hrs Exam.)

Learning outcomes:

This course will help the research students revise the fundamental concepts of physics needed for carrying out their research. Also learn the advanced topics of the subject.

Specific outcomes:

- The outcome would be that the students will learn the effective use of the concepts and fundamentals learnt, in thier research.

- The concepts of Classical mechanics, Quantum mechanics, Statistical mechanics required in problems of various fields of research.

UNIT 1   (**15 Periods**)
Classical Mechanics Rigid body dynamics, moment of inertia tensor, Non-inertial frames and pseudo forces, small oscillations, normal modes, variational principle, generalized coordinates, Lagrangian and Hamiltonian formalism and equations of motion, phase space dynamics.
Quantum Mechanics Schrodinger equation (time-dependent and time-independent), Hydrogen atom, Eigen value problems (particle in a box, harmonic oscillator in 3D etc.), Tunneling through a barrier, Time independent perturbation theory and applications, WKB approximation.
UNIT 2   (**15 Periods**)
Statistical Physics Phase space, micro and macro states, micro-canonical, canonical and grand-canonical ensembles and partition functions, thermo-dynamical functions, classical and quantum statistics, ideal Bose and Fermi gases, Bose-Einstein condensation.

Electrodynamics Electric fields, potentials, Maxwell's equations in free space and linear isotropic media, boundary conditions on the fields at interfaces, dynamics of charged particles in static and uniform electromagnetic fields, electromagnetic waves, radiation from moving charges and dipoles and retarded potentials.

UNIT 3 (15 Periods)

Mathematical Physics Vector calculus, special functions and applications (Hermite, Bessel, Laguerre and Legendre functions), Fourier series, Fourier and Laplace transforms, elements of complex analysis, analytic functions, Partial differential equations (Laplace, wave and heat equations in two and three dimensions).

Dielectric properties of Materials Polarization, local electric field at an atom. Depolarization field, electric susceptibility, polarizability.Clausius Mosotti equation, classical theory of electric polarizability, normal and anomalous dispersion. Cauchy and sellmeir relations, Langevin-Debye equation, complex dielectric constant, optical phenomena. Application, plasma frequency, plasmons.

Superconductivity Critical temperature, critical magnetic field, Meissner effect. Type I and Type II superconductors, London's equation and penetration depth. Isotope effect.

UNIT 4 (15 Periods)

Atomic and Molecular Physics Quantum states of an electron in an atom, spectrum of Helium and alkali atoms,hyperfine structure and isotope shift, width of spectrum lines. LS and JJ coupling, Zeeman, electronic, rotational, vibrational and Raman spectra of diatomic molecules, selection rules, lasers and optical pumping.

Nuclear Physics Basic nuclear properties, binding energy, alpha, beta and gamma decays, liquid drop model, nucleon-nucleon potential, deuteron problem, shell model, rotational spectra, fission and fusion, nuclear reactions, compound nuclei and direct reactions.

(Additional references can be provided by the concerned teacher/tutor)

Paper III : SPECIALISATION COURSE – ADVANCED PHYSICS
(SPACE PHYSICS/ATMOSPHERIC SCIENCE)
Paper Code: PHPH101DST
(60 Hours – 04 Credits – 100 (70TE+30IA) Marks – 03 Hrs Exam.)

Learning outcomes:

This course will enable the research students in the field of Space Physics/Atmospheric Science to learn the fundamental concepts of the subject needed for carrying out their research.

Specific outcomes:

The Scholars will have some of the fundamental and higher level concepts of vacuum generation and measurement techniques, synthesis and fabrication of materials and circuits, measurement and characterization techniques likely to be useful especially in forefront areas of experimental research.

UNIT 1   **(15 Periods)**

Introduction, survey of atmosphere, physical properties of the atmosphere – atmospheric composition, atmospheric dynamics, atmospheric energetic, atmospheric layers and relation to temperature.

UNIT 2   **(15 Periods)**

Earth system and interaction of energetic solar photons with the upper atmosphere, History of Climate and the Earth system, components of the Earth system, Hydrologic & carbon   cycles,   Solar   irradiance, optical   depth,   photo-ionization,   photo   dissociation, photoelectrons.

UNIT 3   **(15 Periods)**

Atmospheric   Thermodynamics   Gas   Laws,   Hydrostatic   Equation,   First   Law   of Thermodynamics, Adiabatic Processes, Water Vapor in Air, Static Stability, Second Law of Thermodynamics and Entropy.

UNIT 4   **(15 Periods)**

Radiative Transfer Spectrum of Radiation, Quantitative Description of Radiation, Blackbody Radiation, Physics of Scattering and Absorption and Emission, Radiative Transfer in Planetary Atmospheres, Radiation Balance at the Top of the Atmosphere. Various kinds of atmospheric oscillations.

References
1. Physics and Chemistry of the upper atmosphere by M.H.Rees.
2. Atmospheric Science by John M.Wallace, Peter V.Hobbs.

Paper-III: Advanced Physics - General theory of relativity and Cosmology
Paper Code: PHPH102DST
(60 Hours – 04 Credits – 100 (70TE+30IA) Marks – 03 Hrs Exam.)

Learning outcomes:

This course will help the research students pursuing research in the field of cosmology learn the fundamental concepts of physics needed for carrying out their research.

Specific outcomes:

- They will learn general theory of relativity and tensor algebra.

- Fundamentals of standard model of cosmology and setting up Friedmann equations. Alternate scenarios to standard cosmology.

- Will learn about CMB and Current observations in Cosmology from various surveys.

Unit-I:
Introduction, special relativity(just review some experiments like Michelson-morley and Lorentz transformation etc), Why GR, Gravity as geometry.
Riemannian Geometry: Vectors and Tensors; parallel transport, covariant differentiation; Geodesics; Riemann-Christoffel curvature tensor - its symmetry properties, Ricci tensor; Bianchi identities; vanishing of the curvature tensor as a condition for flatness, Geodesic deviation equation.   **(15 Periods)**

Unit-II:
The equivalence principle, Principle of general covariance. Einstein's field equation, Schwarzschild solution, tests of general relativity - perihelion shif Precession of the perihelion and Bending of light. Basic cosmology: Friedmann-Lemaˆıtre-Robertson-Walker (FRW) universe. Friedmann equations.   **(15 Periods)**

Unit-III:
The Standard Model-Hubble's law, redshift, composition and history of the Universe, cosmological parameters. Cosmic Microwave Background radiation. Observational cosmology- discuss various surveys like WMAP, Planck, DES etc. Data analysis tools.   **(15 Periods)**

Unit-IV:
Inflation, Why inflation, Slow-parameters, reheating, Inflationary cosmological perturbations, different models of inflation.
Late time acceleration of the universe, dark energy, different models of Dark energy. Observational status of inflation and DE.   (**15 Periods)**

References:
1. Introduction to Cosmology, Jayant V. Narlikar, Cambridge University Press.

2. Classical Fields: General Relativity and Gauge Theory, M. Carmelli, World Scientific Publishing, Singapore.

3. Modern Cosmology, Scott Dodelson, Elsevier.

4. **The Early Universe**. Edward W. Kolb and Michael S. Turner. Addison-Wesley.

5. Cosmology, Steven Weinberg, Oxford University Press.

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Paper IV : RPE COURSE – RESEARCH AND PUBLICATION ETHICS
Paper Code: PHPH103CCT
(30 Hours – 02 Credits – 50 (35TE+15IA) Marks – 02 Hrs Exam.)

Learning outcomes:

- Provide students with the fundamental knowledge of basics of Philosophy of science and ethics, research integrity, publication ethics.
- Hands-on sessions are designed to identify research misconduct and predatory publications.
- Indexing and citation database, open access publications, research matrics (citations, h index, Impact Factor etc.)
- Guide and mentor students in presenting plagiarism tools for a valid and ethical research report.

Specific Outcomes:

- The Scholars will be able to describe and apply theories and methods in ethics and research ethics.

- To acquire an overview of important issues in research ethics, like responsibility for research, ethical vetting and scientific misconduct.
- To acquire skills of presenting arguments and results of ethical inquiries.

Note: The Contents are common to all disciplines of Ph.D. in the University and is adopted in totality as prescribed by UGC.

Zoology Section

Student Performance and Learning **Outcomes:**
(Please provide *program outcomes*, *program specific outcomes*, and *course outcomes*for all programmes offered by the Department/College etc.)

(a) Programme Outcomes:

Programme	Outcome
UG	**B.Sc. (Life Sciences)-Zoology** The mission of the institute is imparting knowledge to the students in their native language –Urdu and brings the students into main stream of education specially those who are from financially poor families. To achieve the goal education is provided in Urdu so that the students can easily imbibe the concepts at under-graduate level. Providing opportunity to obtain knowledge in basic Science is definitely a path breaking step in this regard specially to female students. Upon completion of this course, students will be able to: 1. Classify the animals into different groups on the basis of their phylogenetic relationship. 2. Understand the structural and functional aspects of various physiological systems. 3. Have knowledge about the evolution of animals right from the unicellular organism up to human beings 4. Comprehend the development of animals through the developmental biology and embryology. 5. Will be able to understand the molecular mechanism of metabolism of various molecules within the cell. 6. Will developed knowledge of the major ideas in developmental biology and Applied Zoology. 7. Be able to describe basic principles and techniques in genetic manipulation and genetic engineering. 8. Be able to describe gene transfer technologies for animals and animal cell lines. 9. Describe common diseases and disorders within each of the body systems. Describe common laboratory tests and medical procedures
PG	NA
Ph.D.	Upon completion of this course, students will be able to go for post-doc research fellow, be applicable to Scientist position or faculty in various institutes and universities.
Any Other	

(b) Programme Specific Outcomes:

Programme	Specific Outcome
B.Tech./B.Sc./BA (for example)	Zoology as a subject of basic Science is not only a subject of interest to the students but also let them know their environment and biodiversity. It also helps them to understand their physiology and basic concepts of heredity

			and evolution and aware them to understand etiology of different diseases and disorders. Zoology is a subject which is directly related to the life of humans and the environment. Apart from this as a subject it opens the doors for higher education and research and also has great job opportunities at all the level of education both in public and private sectors.
M. Tech/M.Sc./MA (for example)			
PhD (Language /Literature) (for example)			Upon completion of Ph.D. in Zoology, students will be able to go for post-doc research fellow, be applicable to Scientist position or faculty in Life Sciences various institutes and universities.
Any Other			

(c) Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
B.Sc. (BZC) Zoology	**Non-Chordate**	BSZY101CCT	Writing proper scientific names, concepts of classification hierarchy at various levels, description of distinctive features of type-species of invertebrate phyla, phylogenetic relationships between the invertebrate phyla, important concepts in invertebrate body structure, organization, including body symmetry, cephalization, body cavity, gut formation, segmentation, appendages and physiology of invertebrates. Disease causing invertebrates, their spread, symptoms and control.
	Chordates	BSZY201CCT	To be able to understand the external and internal anatomy of different animals with the same functional systems. To be able to identify the key characters that defines different vertebrate taxa. Each of the different taxa has unique characters that differentiate it from others at the same taxonomic level.
	Physiology & Biochemistry	BSZY301CCT	By studying the structures and functions and physiological aspects of biomolecules helps in understanding and appreciate how living systems operate such as functioning of various body processes and physiology.
	Genetics and Evolutionary Biology	BSZY401CCT	The study of genetics makes the students to understanding the role of genetic mechanisms in evolution. The knowledge required to to design, execute, and analyze the results of genetic experimentation in animal model systems. The study of evolution make the students to understand the biological evolution of the organisms that inhabit the Earth today are different from those that inhabited it in the past. Make them understand that natural selection is one of several processes that can bring about evolution, although it can also promote stability rather than change and to understand that the

			three necessary and sufficient conditions for natural selection to occur are: struggle for existence; variation; and inheritance
	Applied Zoology and Developmental Biology	BSZY501DST	Will developed knowledge of the major ideas in developmental biology and Applied Zoology. Have an understanding of the experimental approaches, and how they are applied to specific problems in understanding development of organisms. Make them able to carry out and interpret experiments in developmental biology and allied sciences. Will have the knowledge to understand the reason behind fertility & sterility.
	Sericulture	UGZY501SET	To learn about the various skills that are necessary for self employment in the mulberry and seed production. This course gives employment and job opportunities in the public, private and government sector.
	Animal Biotechnology	BSZY601DST	Be able to describe how genes are expressed and what regulatory mechanisms contribute to control of gene expression. Be able to describe basic principles and techniques in genetic manipulation and genetic engineering. Be able to describe gene transfer technologies for **animals** and **animal** cell lines.
	Medical Diagnostic	UGZY601SET	Upon completion of the course students should be able to: Identify structures and describe functions of each of the body systems. Describe common diseases and disorders within each of the body systems. Describe common laboratory tests and medical procedures. Identify and interpret complex medical terms by breaking them into their component word parts in order to decipher their meaning.

Ph.D. Zoology

PROGRAMME OUTCOMES:

Scholar would be made aware of the Philosophy and Ethics of research, Scientific conduct for pursuing career in Research and Development.

PROGRAMME SPECIFIC OUTCOMES:

1. The student would be able to identify research problem in the field of animal and human sciences, design the experimental work, execute, analyse, interpret and prepare report.
2. Student would be able to critically analyse the data and prepare the manuscript for publication.
3. They would be equipped and qualified for employment in education institutions, research organization and Biotech companies. Thus they would contribute to the society in the health sector.

COURSE OUTCOMES:

Paper- I Research Methodology:

1. Understanding the Research Problem and its importance and objectives.
2. Students will be able to do literature survey for the identification of research topic.
3. Learn how to prepare research write-up for research proposals for Ph.D as well for funding agencies.
4. Learn to write the research articles for publication.
5. Students would be able to perform statistical tests to analyse the data obtained as well the using the bioinformatics tools.

Paper-II Tools and techniques of Molecular Biology

1. The scholar would understand the basic principles and the working of instruments for their research work.
2. Scholar would gain the knowledge about the basic principles of molecular Biology.
3. The students will get knowledge in the animal models used for research as well handling.
4. The scholar will learn about do's and don'ts of the laboratory practices i.e. Good laboratory Practice.

Paper-III Specialization :(Discipline Specific course)

Aquatic Toxicology: Learning Outcome
1. This specific paper has significant contributions towards the aquatic pollution and increases the understanding of the impact of harmful substances (including natural and synthetic chemicals) on aquatic organisms and the ecosystem.
2. It developed the ability and skills to carry out independent research and development to face the challenges posed by growing industrialization to mankind indirectly and on specific problems of natural water quality and its habitants.
3. Students would be able to understand general physiological phenomenon of fish as well the interaction between different organ systems.
4. Students will be able to understand the physiological, immunological and biochemical modulation due to the toxicants-exposure.
5. The students will be able to diagnose, treat and control fish diseases and their outbreak through the application of different techniques and tools as early warning system.
6. Students will be able to provide health care services to aquaculture through healthy artificial feed preparation.

Cancer Biology: Learning Outcome
1. The scholars will learn the environmental and genetic basis of the cancer.
2. The scholars would be able to understand the mechanism of cancer initiation and progression.
3. The scholars would be able to identify the risk factors of various cancers.
4. They would be able to identify and develop various molecular biomarkers for the diagnosis of the disease.
5. They can know the mechanism of action of various biomolecules for the therapy of cancer.

Immunology of Human diseases: Learning Outcome
1. The scholar will get well versed in the field immunology.
2. The immunological basis of human diseases will be learnt.
3. The research topic would be chosen from this field where the student would be able to select the problem for his/her research using clear experimental and analytical methods to solve the aspects of understanding the disease aetiology and identifying biomarkers for diagnosis and novel therapeutic approaches.

Botany Section

Student Performance and Learning Outcomes:
(c) Programme Outcomes:

Programme	Outcome
UG (BSc-BZC)	The purpose is to develop BZC students in such a way that they may form highly productive and constructive part of society and also development of knowledge by experiments and strengthen the students with Skill and Employable qualities.
PG	
PhD	
Any Other	

(d) Programme Specific Outcomes:

Programme	Specific Outcome
B.Tech./B.Sc./BA (for example)	
N. Tech/M.Sc./MA (for example)	
PhD (Language /Literature) (for example)	
Any Other	

(c) Course Outcomes:

Name of the Programme	Name of the Course	Course Code	Course Outcome
B.Sc Botany	**Biodiversity(Microbes, Algae,Fungi and Archegoniate**	**BSBT101CCT**	Sem:I- Students will understand the structure of Bacteria and Viruses. They understand the Morphological structure, reproductive structure of different groups of Plants.
	Plant Anatomy and Embryology	**BSBT201CCT**	Sem II-Students able to learn the Anatomical structures and functions of various tissue , Embryo and its structure, embryo development in plants. Students able to perform the transverse section of Root and Stem.
	Plant Ecology and Taxonomy	**BSBT301CCT**	Sem III-Students able to learn about the Environment and Environmental

			factors and they will come to know about the geographical zones and endemism. Learn about the techniques of developing Herbarium and family description.
Plant Physiology and metabolism	BSBT401CCT		Sem IV:Learn about the various Physiological mechanism in plants taking from Transpiration to Growth metabolism. Understand how the intermediate products of various mechanism are linked to each other and also act as precursor in developing some other products.
Pant Genetics and Cell Biology	BSBT501DST		Sem V: Students able to understand Mendelism and Laws of Inheritance. Mutations and mutagenic factors and also the important of semi autonomous nature of cell organelles.
Phytopathology	BSBT651DST		SemVI:Learn about the different kinds of pathogens and their role In developing symptoms and diseases. Measure to control Plant diseases.

Ph.D Botany

PROGRAMME OUTCOMES:
4. Students would be made aware of the Philosophy and Ethics, Scientific conduct for   pursuing career in Research and Development.
5. The Ph.D course work in Botany is designed in such a way that the students will learn some Scientific techniques in plant Sciences.
6. Research Scholars would be taught different aspects of Advances in Botany like Systematics, Genomics & Proteomics and Secondary metabolites in Plants.

PROGRAMME SPECIFIC OUTCOMES:
5. Students will be able to read and write Scientific paper and preparing manuscript for publication.
6. Students will be aware of reputed National and International level Research Journals and their Impact factor and citation index.
7. In the first six months of course work, students will acquire knowledge in the Biodiversity and Biostatistics.
8. After completion of the course work students will independently take up writing Project proposals and forwarding to the funding agencies.

COURSE OUTCOMES:
Paper- I Research Methodology:
　　　1. Understanding the Research Problem and its importance and objectives.

2. Students will be able to search literature from different search engines in the concerned research topic.
3. Students will gain knowledge in the Plant techniques like Cytological, Tissue culture, Plan herbarium techniques etc.,
4. After completion of the course students will independently conduct experimental work.

Paper-II Advances in Botany:
1. Understand the Advances in Ecology and Biodiversity.
2. Understand the Recent advances in Plant systematics.
3. Ability to understand Secondary metabolites of plants and their role in industry.
4. Ability to understand Genome structure & Organization. Proteome-structural and functional features & Qualitative and Quantitative Proteome technology and their application in Agricultural Biotechnology.

Paper-III Specialization:(Discipline Specific course)
Students will carryout Research work in the concerned field allotted by the supervisor.

Chemistry Sections

Name of the Programme	Name of the Course	Course Code	Course Outcome
B. Sc.	Inorganic Chemistry-I and Organic Chemistry-I (1st Semester)	BSCH101CCT	Students will be able to Understand basic Inorganic and Organic Chemistry part such as Periodic Classification and Periodic Properties, Covalent Bond and Valence bond Approach, Molecular Orbital Approach, Physical and Chemical Forces, detail study of s and p block elements like Alkali and Alkaline Earth Metals, boron , carbon, nitrogen family, Nomenclature of organic compound, Hybridization, Shapes of molecules, some Organic Reactions and Mechanisms, Stereochemistry, Alkane Alkene, Alkynes, Aromaticity and Aromatic Compound.
	Organic Chemistry II and Physical Chemistry I (2nd Semester)	BSCH211CCT	Students will be able to Understand Alkyl halides, Aryl halides, Nucleophilic substitution reaction, Organometallic compounds, Alcohols, Phenols, Ethers, Epoxides, solution, Colligative properties, Colligative properties, Brief review of the Gas Laws, Kinetic Molecular Theory of Gases, Behaviour of Real Gases, Critical phenomenon
	Organic Chemistry III and Physical Chemistry II (3rd Semester)	BSCH311CCT	Students will be able to Understand full details in Biomolecules such as Carbohydrates, Amino Acids, Peptides and Proteins, Nucleic Acids, Lipids, Addition and condensation polymers, Plastics, Fibres and Rubbers, Biodegradable polymers, Thermodynamics and Thermochemistry, Chemical and Ionic-Equilibrium.
	Organic Chemistry IV and Physical	BSCH412CCT	Students will be able to Understand Aldehydes and Ketones, Nucleophilic Addition Reactions, Mechanism of Some name Reactions,

	Chemistry III (4th Semester)		Oxidation and Reduction of aldehydes and ketones, Carboxylic Acids and their Derivatives, Nitrogen containing compounds, Oxidation-Reduction, Electrolytes and Electrolysis, Reversible Electrodes, Galvanic cells and EMF, Surface Chemistry and Colloids.
	Analytical Methods in Chemistry (5th Semester)	BSCH501DST	Students will be able to Understand the Scope and Importance of Analytical Chemistry, Sampling & Data handling, Errors in Chemical Analysis, Statistical Treatment of Analytical Data, UV- Visible spectrometry, IR Spectroscopy, Atomic Absorption Spectroscopy (AAS), Atomic Emission Spectroscopy (AES), Thermal and Electro analytical methods, Chromatography, Paper chromatography, Thin layer chromatography, Gas Chromatography and HPLC.
	Bioinorganic and Environmental Chemistry (6th Semester)	BSC601DST	Students will be able to Understand the brief introduction to bio-inorganic chemistry. Role of metal ions present in biological systems with special reference to Na^+, K^+ and Mg^{2+} ions: Na/K pump, Ecosystems. Biogeochemical cycles of carbon, nitrogen and sulphur, Air Pollution, Water Pollution, Energy & Environment.

Ph. D. Chemistry

Program Outcomes

- Creating a solid foundation for ideas and models in the chemistry that are based on conceptual, quantitative, and rational thinking.
- To establish hypotheses, propose and run experiments, gather data, compile and evaluate results, and draw reasonable and logical conclusions, students will be able to integrate chemical principles and ideas taught in lecture courses with laboratory skills learned in laboratories.
- Students will be able to recognise and solve chemical problems as well as explore new research fields.
- Students will be exposed to a variety of interdisciplinary and multidisciplinary chemical science topics as well as their applications.

Program specific outcomes

- Upon completion the Ph.D. in Chemistry, Students will be able to go for job as Scientist in different Pharmaceutical Industries

- Student can join reputed research lab as post doc Research fellow.

- Students applicable as faculty in Chemistry various Institutes and University.

Course Outcomes

Semester 1	Paper Code	Paper	Outcomes
	PHCH101CCT	Advanced Instrumentation	1.At the end of the course, the students should be able to apply their knowledge of different spectroscopic techniques such as Infrared and Raman Spectroscopy, NMR and Mass Spectrometry in solving structure of organic molecules and in determination of their stereochemistry. 2. Students will be able to interpret the given spectroscopic data of unknown compounds. 3. Students will be able to use these spectroscopic techniques in their future research.
	PHCH102CCT	Research Methodology	Upon completion of this paper, the students will be able to: 1.Selection of research topic/problem – Literature collection using primary and secondary sources 2. Preparation of the scientific research paper for publication in journals and for presentation in scientific seminars, conferences, symposia, workshops and writing of Dissertation and Thesis. 3.Explain basic computer skills necessary for the conduct of research. 4. Concepts and different type of Chromatography and Treatment of experimental data
	PHCH101DST	Synthesis and Reactivity of Natural Product	1.At the end of the course, the students should be able to apply their knowledge of Biosynthesis of natural products such as amino acids, flavonoids, morphine alkaloids, terpenes, carotenoids, cholesterol 2.Design and synthesis of various heterocyclic compound and their importance.
	PHCC104CCT	Research and Publication Ethics (RPE)	Upon completion of this paper, the students will be able to: 1.Understanding of ethical issues related to Research and Publication. 2.Write research papers/thesis following publication ethics. Scientific misconducts: 3.Student will be able to understand about Falsification. Fabrication. and Plagiarism (FFP) in Research and Publications

Centre for the Studies of Social Exclusion and inclusive policy

Centre for the Study of Social Exclusion and Inclusive Policy

Criteria 1.1.1

M.Phil. (SEIP) Programme Outcomes:

1. M.Phil. in Social Exclusion and Inclusive Policy (SEIP) programme prepares scholars for doctoral programme in Social Exclusion and Inclusive Policy for professional career and to conduct researches in the field of Social Sciences.

   Further, the scholars shall be able to:

2. Understand different Theoretical Approaches to Social Exclusion & Inclusive Policy

3. Comprehend the concept of Socially Excluded and Marginalised communities

4. Conduct researches on Socially Excluded / Marginalised communities to include them in mainstream society for inclusive growth.

M.Phil. (SEIP) Programme Specific Outcomes:

The scholars shall be able;

1. Explain the concept of Social Exclusion and Inclusive Policy
2. Comprehend various theoretical approaches related to Social Exclusion
3. Remember and recall Articles/Provisions of Indian Constitution
4. Compare different instruments of Inclusion
5. Understand the Discrimination and Marginalization of Religious Minorities and sections of Indian society
6. Prepare Research Proposals and Reports
7. Use different Research Methods for conducting Research

Director
Al Beruni Centre For The Study of Social Exclusion
And Inclusive Policy
Maulana Azad National Urdu University
Gachibowli, Hyderabad - 500 032. T S, India

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M.Phil. (SEIP) Course Outcomes:

Course Title: **Research Methodology** Course Code:	Course Outcome: After completion of this course, the scholars are expected to conduct research, have acquired command on different research design, tools of data collection, data processing, analysing and interpretation. The scholar will be able to prepare Research Proposal, Abstracts and Research Reports.
Course Title: **Theoretical Approaches to Social Exclusion & Inclusive Policy** Course Code:	Course Outcome: After completion of this course, the scholars are expected to explain the concepts of Social Exclusion and Inclusive Policy and demonstrate the sociological, economic, political, historical and anthropological approaches of Social Exclusion. The scholars will be able to use and implement Articles/Provisions for Social Justice and Inclusion. And he/she will try to study Discrimination and Marginalization of Religious Minorities.
Course Title: **Exclusion of Different Groups and Occupations - Issues and Concerns** Course Code: **1807**	Course Outcome: After completion of this course, the scholars will be able to; • Understand how Muslims are Socially Excluded. • Classify different Occupational Groups • Comprehend the education and occupation and the Affirmative Action and policies adopted by Government for their inclusion.
Course Title: **Primary Education – Access, Retention and Participation** Course Code:	Course Outcome: After completion of this course, the scholars will be able to; • Understand Primary Education in its historical context in India and Educational Policies and Programmes

Director
Al Baruni Centre For The Study of Social Exclusion
And Inclusive Policy
Maulana Azad National Urdu University
Gachibowli, Hyderabad - 500 032, T S, India

Ph.D. (SEIP) Programme Outcomes:

1. Ph.D. in Social Exclusion and Inclusive Policy (SEIP) programme prepares the scholars to develop in the academic and professional career.
   Further, the scholars shall be able to;

2. Understand the problem of social exclusion in society and try to help the excluded groups by submitting appropriate affirmative action programmes and recommendations

3. Apply the approaches and theories of exclusion to conduct researches in social science area.

4. Bring new perspective through researches and approaches.

5. Conduct the researches independently on different issues of society with Social Exclusion framework.

6. Participate in conferences/ seminars and demonstrate the knowledge of research skills and presentation skills in Social exclusion and Inclusive Policy.

Ph.D. (SEIP) Programme Specific Outcomes:

The scholars shall be able to:

1. Understand the subject of research methodology in social sciences in general and methodological concept of social exclusion studies in particular.

2. Conceptualise and understand exclusion and inclusion based on religion, ethnicity/race and caste. And formulate the understandings on the nature and dynamics of discrimination and exclusion.

3. Contextualize and problematize discrimination, exclusion and inclusion empirically and working towards the formulation of policies towards inclusive policies and help the government agencies with studies on exclusion and inclusion.

Director
Al Beruni Centre For The Study of Social Exclusion
And Inclusive Policy
Maulana Azad National Urdu University
Gachibowli, Hyderabad - 500 032. T S, India

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Ph.D. (SEIP) Course Outcomes:

Course Title: **Research Methodology** Course Code: **PHSE101CCT**	Course Outcome: On Successful completion of the course the scholars will be able to: • Understand the research methods used for social science research through social exclusion framework • Understand the philosophy, science and methodology to carry out research in the field area • Acquire the knowledge on using research techniques at Ph.D. level.
Course Title: **Theoretical Dimensions of Social Exclusion and Strategies for Inclusion** Course Code: **PHSE102CCT**	Course Outcome: On the completion of the course the students will be able to: • Understand the Excluded and Marginalised section of Indian society through social exclusion framework. • Understand how certain Social and Constitutional categories of people in India face discrimination and exclusion and constitutional provisions taken as protective measures • Acquire the knowledge on the measures for inclusive policies.
Course Title: **Sociology of Minorities** Course Code: **PHSE102DST**	Course Outcome: On the completion of the course the students will be able to demonstrate the emerging areas of sociology of minorities in social sciences and how they can conceptualizes the idea of minority in India not in religious senses but also in socio-cultural context.
Course Title: **Social Exclusion of Different Marginalised Sections and Inclusive Policy** Course Code: **PHSE101DST**	Course Outcome: On the completion of the course the students will be able to demonstrate the emerging new thrust areas of social sciences and processes of exclusion, to have comprehensive understanding of different marginalized sections and explore policies to address the problems of socially excluded sections.
Course Title: **Indian Muslims and Occupational Groups** Course Code: **PHSE103DST**	Course Outcome: On the completion of the course the students will be able to; • Understand the Indian social systems • Understand the social stratification amongst Muslim community in India • Acquire the knowledge on occupational structures and caste system

Director
Al Beruni Centre For The Study of Social Exclusion
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