Syllabus for M.A. English Entrance Examination for Academic Year 2025-26

Topics to be covered while preparing for the M.A. English entrance examination:

Sr. No.	Topics
	Literature
1	Chaucer to Shakespeare
2	Romantic Period
3	Victorian Period
4	Modern Period
5	Contemporary Period
6	History of English Language
7	English Language Teaching
8	Indian Writing in English
9	Indian Literature in English Translation
10	Contemporary British Literature
11	Modern British Literature
12	American and Other Non-British English Literature
13	Contemporary Theory
14	Literary Theory and Criticism
	Language
15	Parts of Speech & Tenses
16	Modals
17	Active and Passive Voice
18	Direct and Indirect Speech
19	Types of Sentences and Their Structuring
20	Subject-Verb Agreement
21	Articles
22	Synonyms and Antonyms
23	Idioms and Phrases
24	Comprehension Passages and Questions

Dr. Shweta Salian
Program Coordinator

Ms. Priya Joseph
Head, Department of Foreign Languages

Syllabus for M.A.(ECONOMICS) Entrance Test 2025- 2026

Sr. No.	Topics
1.	Microeconomics- Consumer's & Producer's Behaviour, Market Structures, General Equilibrium and Welfare analysis
2.	Macroeconomics- Classical & Modern Theories of Money, Output and Employment, National Income Accounting, Business cycle, Inflation, AD & AS Model, IS & LM Model.
3.	International Trade – Classical & modern theories, Balance of Payments, Foreign exchange market and Determination of exchange rate
4.	Indian economy- Structure of Indian economy, Indian monetary and financial systems.
5.	Economics of Growth and Development – Concept of Development, Growth Models.
6.	Public Economics- Sources of Public revenue, Theories of Taxation, Public Expenditure, Public Borrowing & different concepts of Deficits.
7.	Quantitative tools for Economics – Statistics – Mean, Median, Mode, Standard Deviation, Correlation, Regression and Probability.
8.	Mathematics – First order and Second order derivatives, matrices, Definite and indefinite integrals.
9.	Econometrics – Classical Linear Regression Model and its assumptions.

For, 15/03/2025

Mrs. Bidisha Sarkar
Head, Associate Professor
Department of Economics

Lavanya

Mrs. Lavanya Sarkar
Coordinator- MA Economics

M.A. Psychology (Industrial and Organizational Psychology)
Syllabus- Entrance Exam 2025-26

The topics of entrance examination for M.A Psychology (Industrial/Organizational Psychology) are:

1	Industrial/Organizational Psychology
2	Social Psychology
3	Cognitive Psychology
4	Personality Psychology
5	Psychological Testing
6	Motivation and Emotions
7	Counseling Psychology
8	Human/Lifespan Development
9	Foundations of Psychology
10	Research Methodology and Statistics
11	Abnormal Psychology

Head,

Department of Psychology

Shri Vile Parle Kelavani Mandal's
MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE &
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NAAC Accredited A++ Grade, CGPA : 3.55 (November 2024)
Best College (2016-17), University of Mumbai

M.Sc. (Applied Statistics & Data Analytics)

2025-26 Entrance Test Syllabus

Sr. No.	Topics
1.	Descriptive Statistics: Types of Data and Tabulation. Classification of Data and Measures of Central Tendency, Measures of Dispersion, Skewness & Kurtosis, Correlation & Regression, Time Series, Index Numbers.
2.	Statistical Methods: Probability random variables and their Properties Standard Univariate Discrete Distributions, Standard Continuous Distributions. Sampling Distributions, Estimation: Properties and types, Large Sample Tests. Testing of Hypothesis, MP UMP tests LRT, SPRT, Non-Parametric Tests. Properties & Applications of Chi-square, t and F Distributions. Interdependence of Normal, Chi-square, t, F distributions. Order Statistics.
3.	Moment Generating Function, Cumulant generating function, Characteristic Function, Joint Moment Generating Function, Probability Generating Function. Bivariate Distributions & Transformation of Variables. Trinomial & Multinomial Distribution, Bivariate Normal distribution. Chebychev's Inequality, Convergence in probability and Limit theorems.
4.	Sampling Concepts and Simple Random Sampling for Variables and Attributes. Stratified Random Sampling. Ratio and Regression methods. Concepts of Systematic, Cluster, Multiple Stage Sampling. Indian Statistical Agencies and their functions.
5.	Applied Statistics 1: Control Charts, Acceptance Sampling, CPM-PERT, Linear Programming Problem (L.P.P.), Integer Programming Problem (IPP): - Sensitivity Analysis, Decision Theory, Inventory Control, Replacement, Information Theory, Simulation. Queuing Theory.
6.	Applied Statistics2: Epidemic models, Bioassay, clinical trials, bioequivalence. Mortality Tables Compound Interest and Annuities Certain, Life Annuities, Assurance Benefits, Linear model, Multiple and partial regression, Vital Statistics, Reliability
7.	ANOVA:ONE Way Two-Way, Design of Experiments: CRD, RBD, LSD, Factorial Designs.
8.	Fundamentals of R, Descriptive Statistics using R, Probability Distributions and Correlation and Regression (Using R and MS Excel).
9.	Stochastic Processes, Introduction to Markov Chains.
10.	Basics of Differentiation, Integration, Matrix, Series, Limits, Permutations, Combination, Indices.

Amrit Sudhakar Rajwadkar

Head, Department of Statistics

Syllabus for M.Sc. (Biochemistry) Entrance Test (2025-26)

S. No.	Topic	Sub-topics
1.	Biomolecules	Carbohydrates, Amino acids, proteins, Lipids, Nucleic acid
2.	Basic genetics	Mendel, Non Mendel, Chromosomal structure
3.	Physiology	Digestion & Absorption, Excretion , Respiration, Nervous system , Muscular system, Endocrinology
4.	Biotechnology & Microbiology	Prokaryotic cellular structure, Fermentation, Bioremediation, Enzyme Immobilization, ATC & PTC
5.	Molecular Biology, RDT and Cell biology	Replication, Transcription, Translation, RDT, Cell cycle
6.	Immunology, Pathophysiology	Basics of immunology Antigen-Antibody interaction, Virology, In born errors , Aging
7.	Biostatistics & Bioinformatics	Central tendency, Partition values, Measures of dispersion, Basics of Bioinformatics
8.	Analytical techniques	Centrifugation, Electrophoresis, Microscopy , Chromatography, Spectrophotometry
9.	Metabolism and Enzymology	Carbohydrates, Lipid, Protein, Bioenergetics, Basics of enzymology
10.	Chemistry	Basics of organic chemistry
11.	Pharmacology	Pharmacokinetics, Pharmacodynamics, Routes and dosage form
12.	Nutrition & Dietetics	Major & minor nutrients, Balanced diet
13.	Transport Mechanisms and Cancer Biology	Transport mechanisms, Cancer Biology Oncology
14.	Environmental science + ecology	Pollution of -Air, water, soil; noise pollution, Energy,- conventional and non-conventional, sustainable development
15.	Introduction to microbiology + cell biology+ Cell division	Basic microbiology, Eukaryotic cell organelles, Mitosis, Meiosis
16.	General basic Mathematics	

13.3.25

Dr. Sara Khan
Head, Department of Biochemistry

Syllabus for M.Sc. (Biotechnology) Entrance Test 2025- 2026

Sr. No.	Topics
1.	**Molecular Biology:** Nucleic acids- types, structure, genomes, DNA replication, central dogma, molecular mechanisms involved in transcription, translation and protein synthesis, mutations and repair, genes, transposons, operons
2.	**Microbiology:** Classification of Microbial kingdom, cell structure, characteristic features, growth, nutrition, multiplication, interactions, pathogenic and non pathogenic microbes, microbe - human interactions; Fundamentals of Medical microbiology; diagnostics.
3.	**Cytology:** Ultra structure of prokaryotic and eukaryotic cells, enzymes and their activities in the cell, cell dynamics, cellular communication and transport, techniques, cancer biology.
4.	**Chemistry and Biochemistry:** Water, Acid base balance, Buffers, Preparation of Solutions, Biomolecules, Carbohydrate, protein and lipid metabolism, disorders associated with metabolic pathways, enzymology, vitamins and Endocrinology, analytical techniques.
5.	**Genetics:** Genetics & Heredity, genetic mapping, Human Genetics, laws of heredity, Population genetics
6.	**Industrial Biotechnology:** Fermentation Technology, Food Biotechnology, Dairy Biotechnology, Role of Biotechnology in Agriculture, Healthcare and Pharmaceuticals. Vaccine technology
7.	**Recombinant DNA Technology:** Gene Cloning, enzymes and vectors in cloning, PCR, genome manipulation, DNA typing, molecular diagnostics, gene therapy, genetic counselling, Human Genome Project, Genetic Engineering, Transgenics
8.	**Immunology:** Cells of immune system, over view of immune response, mediators of immune system, antigens and immunogens, immunological methods and applications, disorders.
9.	**Allied Areas:** Animal Tissue Culture, Plant Tissue Culture, Environmental Biotechnology, Bioinformatics, Biostatistics, Biophysics, Instrumentation, Intellectual Property Rights, Bioethics.
10.	**Basic English language and Essential mathematical abilities**

Dr. Shubhada Walvekar
Head,
Department of Biotechnology

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Syllabus for M.Sc. Botany Entrance Test 2025 -2026

Sr. No.	Topics
1	Algae — General characters of Chlorophyceae; Nostoc, Spirogyra, Olothrix, Chlamydomonas. Vaucheric Batrachospermum, Polysiphonia,
2	Fungi — Economic importance of fungi, Rhizopus, Albugo. Erysiohe
3	Plant pathology - Causal organisms of different plant pathogens and Control measures
4	Lichens — Types of lichens. Economic importance
5	Bryophyta - Riccia. Marchantia, Economic importance of Bryophyta
6	Pteridophyta — Vephrolepis, Adiantum, Selaginella, Lycopodium, Marselia
7	Paleobotany — Asteroxylon, Calamites, Pentotvlon, Lyginopteris, Birbal Sahni Research Institutes
8	Gymnosperms - Pinus, Gnetum, Economic Importance of Gymnosperms
9	Angiosperms- Types of inflorescence, Morphology of flowers and fruit, Families, Herbarium, Botanical gardens BSI,
10	cell biology - Prokaryotic and Eukarvotic cells, Chloroplast, Nucleus, Mitochondria, endoplasmic reticulum
11	Ecology- Primary productivity, Different types of ecosystem, soil Phytoremediation, Biological and chemicals
12	Anatomy — Different types of tissues, mechanical tissues, vascular bundles, Secondary
13	Physiology — Photosynthesis and photophosphorylation, Florien, vernalizaltion and water relations
14	Medicinal plants — Uses and active constituents of common medicinal plants
15	Instrumentation — Chromatography, Calorimeter, Spectrophotometry, Microscopy
16	Genetics — chromosomes, mitosis, meiosis, mutation, DNA. RNA
17	Economic importance of plants spices, condiments,
18	Horticulture — Branches of horticulture, garden features
19	Biostatistics — Standard deviation, Anova, t-test, Chi square, (or 'elati0L coefficient
20	Ethnobotany Branches of ethnobotany and plants of ethnobotanical importance
21	Herbal Cosmetics — Antioxidants, Plants used in different herbal preparation

Chodankar 15.03.2025
Dr. Ulka Chodankar
Head of Botany Department

Syllabus for MSc Chemistry

Entrance TEST 2025-2026

Sr. no	Topic
1.	**Physical chemistry** Thermodynamics, Phase rule, Nuclear chemistry, Electrochemistry, Chemical kinetics, Solid state chemistry, Spectroscopy, Quantum chemistry, , Polymers, Catalysis and Chemical calculations.
2.	**Organic chemistry** Organic spectroscopy, Organic reactions, Stereochemistry, Organic synthesis, Industrial Chemistry, Fats and oils, Hybridization, Organic reactive intermediates, Heterocyclic chemistry, IUPAC, Pericyclic chemistry, Polymer chemistry, Biomolecules and Natural products.
3.	**Inorganic chemistry** Acid base theories, Periodic table and periodicity of elements, Atomic structure, Qualitative analysis, Chemistry of transition and inner elements, Chemistry of p block elements, Chemical Bonding, Coordination Chemistry, Superconductors, Organometallic chemistry, Nanotechnology, Bioinorganic Chemistry, Oxidation and reduction and Molecular symmetry
4.	**Analytical chemistry** Electroanalytical technique, Ion selective electrode, Polarography, Amperometry titration, Redox titration, Chromatography, Treatment of Analytical data, Sampling, Quality management, GLP and ISO.

15/3/25

for Dr. Aparna S. Bhardwaj
Head, Department of Chemistry

Syllabus For

M.Sc Computer Science

Entrance Examination (2025-26)

Sr. No.	Topics
1.	Logical Reasoning and Analytical Skills
2.	**Programming in Python :** Basic Commands, Variables, Data Types, Control Structure, Loops, Function
3.	**Computer Networks:** network benefits and its types OSI, TCP/IP models, Address classes, classless addresses, network parameters, Types of Topologies.
4.	**Operating System:** Structure of OS, PCB, types of OS, Process management, Memory Management, File management, Linux Commands
5.	**Data Structure:** Algorithm Complexity, Stack, Queue, Linked List, Tree, Graphs, Sorting - Insertion, Selection, Bubble, Merge, Quick
6.	**Database:** Mysql queries (DML , DDL statements) , ER diagram, normalization (1NF,2NF and 3NF) , PL/SQL - Variables, Cursor, Concurrent Transactions
7.	**Computer Organization and Digital Electronics:** numbers system, Combinational and sequential circuits, memory organization, cache memory, Adders, MUX and DEMUX, CPU concepts.
8.	**Software Engineering:** SDLC, software vs hardware, process of software, Basic SDLC Models, UML and Basic Testing concepts.
9.	**C Programming:** Variables, Data Types, Control Structure, Loops, Function, Array, Pointers
10.	**Statistics:** Basic Concepts, Distributions, Probability, Hypothesis Testing
11.	**Linear Algebra:** Basic Concepts, Matrix Operations, Equation solving

15/03/25

Dr. Ashish Gavande

Head, Department of Computer Science

Syllabus - M.Sc Data Science and Artificial Intelligence

Entrance Examination (2025-26)

Sr. No.	Topics
1.	Logical Reasoning and Analytical Skills
2.	**Programming in Python :** Basic Commands, Variables, Data Types, Control Structure, Loops, Function
3.	**Computer Networks:** network benefits and its types OSI, TCP/IP models, Address classes, classless addresses, network parameters, Types of Topologies.
4.	**Operating System:** Structure of OS, PCB, types of OS, Process management, Memory Management, File management, Linux Commands
5.	**Data Structure:** Algorithm Complexity, Stack, Queue, Linked List, Tree, Graphs, Sorting - Insertion, Selection, Bubble, Merge, Quick
6.	**Database:** Mysql queries (DML , DDL statements) , ER diagram, normalization (1NF,2NF and 3NF) , PL/SQL - Variables, Cursor, Concurrent Transactions
7.	**Computer Organization and Digital Electronics:** numbers system, Combinational and sequential circuits, memory organization, cache memory, Adders, MUX and DEMUX, CPU concepts.
8.	**Software Engineering:** SDLC, software vs hardware, process of software, Basic SDLC Models, UML and Basic Testing concepts.
9.	**C Programming:** Variables, Data Types, Control Structure, Loops, Function, Array, Pointers
10.	**Statistics:** Basic Concepts, Distributions, Probability, Hypothesis Testing
11.	**Linear Algebra:** Basic Concepts, Matrix Operations, Equation solving

Dr. Ashish Gavande

Head, Department of Computer Science

M.Sc. Mathematics

2025-26 Entrance Test Syllabus

Sr. No.		
1	Discrete Mathematics	Set Theory, Functions, Relations, permutations and combinations, Pigeonhole principles, inclusion-exclusion principles, Integers, divisibility, GCD and LCM, Euclidean Algorithm, Division algorithm, congruence relations, Recurrence relations
2	Calculus and ODE	First order First degree Differential equations Second Order Linear Differential Equations with constant coefficients, Limits and Continuity of function over $\mathbb{R}$, Differentiation and Applications of Differentiation, Taylor's Theorem, Extreme Value of Functions, Partial derivatives, functions of several variables, limits, continuity and derivatives for scalar fields and vector fields.
3	Real Analysis	Real numbers and its properties, Sequence of real numbers, Series of real numbers, Riemann Integration Application of Riemann Integration and Improper integrals
4	Analysis	Fourier Series, Topology of Metric Spaces, Convergence, Complete metric spaces, Continuous functions on metric spaces, Connected Metric Spaces, Compact Metric Spaces
5	Linear Algebra	Vectors and its properties, Vector Space over R, Linear Transformations, System of linear equations, Determinant, Matrices , Eigenvalues and Eigen vectors, Diagonalisation of matrices , Inner Product Spaces and Orthogonal Linear Transformations, Quotient Spaces
6	Algebra	Groups, Subgroups and Cyclic Groups, Permutation Group, Cosets and Lagrange's Theorem, Group Homomorphisms and Isomorphisms, Ring, Integral domain and Field, Characteristic, Ideals and Factor Rings, Ring Homomorphisms and Isomorphisms, and Polynomial rings -PID, ED, UFD,
7	Integral Calculus	Line Integral, Double Integral, Triple Integral Surface Integral, Stokes' Theorem, Gauss' Divergence Theorem,
8	Complex Analysis	Introduction to Complex Analysis, Sequences and Series of Functions, Power Series
9	Numerical Analysis	Bisection method, Regula-Falsi method, Newton-Raphson method, interpolation

Dr. Akanksha V. Rane
Co-ordinator, M.Sc. Mathematics

Dr. Prabhat Dwivedi
Head, department of Mathematics

SYLLABUS IN MICROBIOLOGY FOR THE ENTRANCE TEST FOR POST-GRADUATE ADMISSIONS, 2025-26

The following topics will be covered at the entrance exam for post-graduate admissions.

1.	Basic microbiology- History of Microbiology, size, shape, arrangement, ultrastructure of bacteria, structure of a eukaryotic cell,
2.	Microscopy – Parts of compound microscope with function, Types of Microscopy- fluorescence, electron, phase contrast.
3.	Staining- Theory of staining, various types of stains, Simple staining, differential staining, special staining.
4.	Groups of microorganisms-various groups of microbes with characteristics habitats and significance.
5.	Growth, Cultivation and Enumeration - Theory of microbial growth, methods to measure growth, enumeration techniques
6.	Instrumentation – pH meter, colorimeter, UV-visible spectrophotometer, NMR, centrifuge, chromatographic methods.
7.	Environmental microbiology- Air, water, sewage, marine microbiology, methods and techniques used in environmental microbiology.
8.	Food microbiology-Food as a substrate for growth of microbes, intrinsic and extrinsic factors affecting growth, microbial spoilage of food, food pathogens, food preservation, methods to detect and enumerate microbes in food.
9.	Immunology- Types of immunity, types of immune cells, humoral and cell mediated immunity, types of antibodies, antigen-antibody reactions, complement system, immunological techniques, MHC complex and MHC molecules, vaccines.
10.	Medical microbiology- Various diseases caused by microbes, epidemiology, pathogenesis and treatment, chemotherapeutic agents,
11.	Microbial Genetics –DNA replication, gene transfer mechanisms in bacteria, mutation and repair
12.	Molecular biology- rDNA technology and its applications
13.	Cell biology- sstructure of eukaryotic cell, Cell cycle, Regulation of cell cycle progression, Mitosis and meiosis , Cell signaling, Apoptosis
14.	Industrial microbiology-Primary and secondary screening of microbes for various metabolites, Types of fermentation, Media, Inoculum development, scales-up, Design of a Fermenter, Fermentation process for obtaining microbial products- beverages, antibiotics, vitamins, vinegar, mushroom production, SCP, downstream processing, effluent treatment.

15.	Microbial biochemistry-Biomolecules- carbohydrates, lipids, amino acids, proteins, thermodynamics with respect to biological systems, transcription and translation processes, carbohydrate metabolism of prokaryotes.
16.	Virology- Classification of viruses, structure of bacteriophages, types of bacteriophages, cultivation of viruses, methods for detection and enumeration of viral particles, prions and viroids.
17.	Microbial Taxonomy- classification of micro-organisms, methods for identification of bacteria, numerical taxonomy, phylogenetic classification.
18.	Enzymology – Enzymes-function, properties, units, classification, enzyme kinetics, kinetics of multi-substrate reactions, enzyme inhibition, enzyme regulation.
19.	Intellectual property and patenting- Types of IPR, Patents- pre-requisites, process of filing a patent, types of patents, Patenting Of Microbes, Plant Breeder's Right.
20.	Biotechnology- Electrophoretic techniques,DNA sequencing methods: Maxam and Gilbert, Chain termination and automated sequencing, hybridization techniques, Biologicals fuels: ethanol, methane and hydrogen production. Microbially Enhanced Oil Recovery (MEOR) ,Genetically modified organisms in environment. Bioremediation, Bioleaching, biofertilizers, biopesticides, basics of plant and animal tissue culture techniques, bioethics, products obtained by recombinant DNA technology.
21.	Research methodology – definition of research, general characteristics, objective, classification, writing a research abstract, report and research paper.

Dr. Mrunalini Sambhare
Head of Microbiology Department

Syllabus for MSc Physics Entrance Test-2025-26

Sr. No.	Topics
1	Basic Mechanics- Newton's laws of motion and applications, Velocity and acceleration in Cartesian, polar and cylindrical coordinate systems
2	Waves and Oscillation- Superposition of two or more simple harmonic oscillators. Damped and forced oscillators, resonance. Wave equation, traveling and standing waves in one-dimension. Energy density and energy transmission in waves.
3	Modern Physics- Blackbody radiation, photoelectric, Compton effect, Bohr's atomic model, X-rays. Duality, Uncertainty principle, the superposition principle
4	Electricity and Magnetism- Coulomb's law, Gauss's law. Electric field and potential. Electrostatic boundary conditions, Solution of Laplace's equation for simple cases. Conductors, capacitors, dielectrics, dielectric polarization, volume and surface charges, electrostatic energy. Biot-Savart law, Ampere's law, Faraday's law of electromagnetic induction, Self and mutual inductance. Alternating currents.
5	Thermodynamics- Elements of Kinetic theory of gases. Velocity distribution and Equipartition of energy. Specific heat of Mono-, di- and tri-atomic gases. Ideal gas, van-der-Waals gas and equation of state. Mean free path. Laws of thermodynamics.
6	Optics- Interference, Diffraction, Polarization, Interferometry, Optical Instruments
7	Analog and Digital Electronics-Basic Electronics, Diode, Transistor, OPAMP, Digital Electronics, Timers and counters.
8	Special Theory of Relativity- Postulates of special relativity. Lorentz transformations. Length contraction, time dilation. Relativistic velocity addition theorem, mass energy equivalence
9	Atomic and Molecular Physics-Hydrogen atom, Angular Momentum, Spin Orbit Coupling, Molecular Spectra and Interaction with Photons.
10	Quantum Mechanics- Formalism, Schrodinger equation and its application to bounded and unbounded system.
11	Classical Mechanics- Rigid body motion, fixed axis rotations, rotation and translation, moments of Inertia and products of Inertia, parallel and perpendicular axes theorem. Principal moments and axes. Kinematics of moving fluids, equation of continuity, Euler's equation, Bernoulli's theorem
12	Electrodynamics- Displacement current, Maxwell's equations and plane electromagnetic waves, Poynting's theorem, reflection and refraction at a dielectric interface, transmission and reflection coefficients. Lorentz Force and motion of charged particles in electric and magnetic fields
13	Solid State Physics-Crystal Physics, Electrical and Magnetic Properties, Band theory, Superconductivity, Semiconductors.
14	Nuclear Physics-Radioactive Decay, Properties of Nucleus, Nuclear Models, Nuclear Energy, Detectors and Accelerators.
15	General Mathematical Aptitude

15/03/2025

Bhanudas Arote
Head Department of Physics

Syllabus for M.Sc. (Zoology) Entrance Test 2025-26

Sr. No.	Topics
1.	Comparative Study: Nutrition, Excretion, Respiration, Circulation, Nervous system and Reproduction, Integumentary system
2.	Laboratory safety and Units of Measurement, Biotechnology, Instrumentation
3.	Ecosystem, Biodiversity, National parks and sanctuaries, Population Ecology, Pollution and its Effect on Organisms, Environment and Wildlife Management
4.	Genetics & Heredity, Evolution and Forensic Entomology, Zoogeography
5.	Incredible Animal World, Ethology
6.	Haematology, Human Genome Project, Immunology, Mammalian Histology, Basic Toxicology, General Pathology. Human Osteology, Limb Muscles
7.	Entrepreneurial Zoology, Applied Zoology (Aquaculture, Sericulture, Lac culture, Poultry, Dairy, Goat and Sheep Farming), Fishery Biology
8.	Developmental Biology of Chick, Comparative Embryology
9.	Cytology & Biomolecules, Enzymology, Homeostasis, Endocrinology, Animal Tissue Culture, Molecular Biology, Genetic Engineering, Human Genetics
10.	Scientific Writing, Biostatistics, Bioinformatics

12-03-25

Dr. Papiya Deb
Head, Associate Professor,
Department of Zoology