

S. N.	Programme Outcomes	Programme Specific Outcomes	Course Outcomes
1	B.A. (FIRST YEAR PROGRAMME)	GENERAL PAPER - HINDI, ENGLISH, COMPUTER, ENVIRONMENT SCIENCE OPTIONAL PAPER-POLITICAL SCIENCE, HISTORY, GEOGRAPHY,ECONOMICS, HOME SCIENCE, HINDI LIT. ENGLISH LIT.	<p>A). TO MAKE CONSCIOUS EFFECT TO DRIVE HOME THE RELEVANCE SIGNIFINANCE OF ALL SUBJECT FOR UNDERSTANDING.</p> <p>B). STUDENTS WILL BE ABLE TO LEARN INTRODUCTION AND IMPORTANCE OF ALL SUBJECTS</p> <p>C). ARTICULATE A SOCIOLOGICAL PERSPECTIVE APPLY SOCIOLOGICAL THEORIES TO UNDERSTAND SOCIAL PHENOMENA.</p> <p>D). CRITICALLY EVALUATE EXPLANATIONS OF HUMAN BEHAVIOR AND SOCIAL PHENOMENA.</p> <p>E).APPLY SCIENTIFIC PRINCIPLES TO UNDERSTAND THE SOCIAL WORLD</p> <p>F).. STUDENTS WILL PARTICIPATE IN AND CONTRIBUTE TO THE POLICY PROCESS. G). STUDENTS WILL ARTICULATE AND APPLY A PUBLIC SERVICE PERSPECTIVE</p>

2	B.A. (2ND & 3RD YEAR PROGRAMME)	POLITICAL SCIENCE, HISTORY, GEOGRAPHY, ECONOMICS, HOME SCIENCE, HINDI LIT. ENGLISH LIT.	<p>A). TO MAKE CONSCIOUS EFFECTS TO DRIVE HOME THE RELEVANCE SIGNIFICANCE OF ALL SUBJECT FOR UNDERSTANDING. B). STUDENTS WILL BE ABLE TO LEARN INTRODUCTION AND IMPORTANCE OF ALL SUBJECTS.1. ARTICULATE A SOCIOLOGICAL PERSPECTIVE APPLY SOCIOLOGICAL THEORIES TO UNDERSTAND SOCIAL PHENOMENA.2. CRITICALLY EVALUATE EXPLANATIONS OF HUMAN BEHAVIOR AND SOCIAL PHENOMENA. 3.APPLY SCIENTIFIC PRINCIPLES TO UNDERSTAND THE SOCIAL WORLD</p> <p>1. STUDENTS WILL PARTICIPATE IN AND CONTRIBUTE TO THE POLICY PROCESS.2. STUDENTS WILL ARTICULATE AND APPLY A PUBLIC SERVICE PERSPECTIVE</p>
3	B. SC. 1ST YEAR PROGRAM	GENERAL PAPER - HINDI, ENGLISH, COMPUTER, ENVIRONMENT SCIENCE OPTIONAL PAPER- BOTANY, ZOOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS	<p>A). THIS COURSE WILL HELP THE STUDENT TO UNDERSTAND THE DIVERSITY OF PLANTS AND EVOLUTIONARY PROCESS IN PLANT KINGDOM B). STUDENTS WILL HAVE A GOOD UNDERSTANDING PHYSIOLOGICAL, ANATOMICAL AND FUNDAMENTAL PROCESS OF ANIMAL KINGDOM. C).STUDENTS WILL BE ABLE TO LEARN & UNDERSTAND THE LABORATORY EXERCISES EXPERIMENT AND PRACTICAL KNOWLEDGE. D). STUDENTS ABLE TO TRANSFORM EQUATION BY CHANGING THE DEPENDENT VARIABLE INDEPENDENT VARIABLE.</p>

4	B. SC. 2ND YEAR PROGRAMME	GENERAL PAPER - HINDI, ENGLISH, COMPUTER, ENVIRONMENTAL SCIENCE OPTIONAL PAPER- BOTANY, ZOOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS	<p>A). THIS COURSE WILL HELP THE STUDENT TO UNDERSTAND THE DIVERSITY OF PLANTS AND EVOLUTIONARY PROCESS IN PLANT KINGDOM</p> <p>B). STUDENTS WILL HAVE A GOOD UNDERSTANDING PHYSIOLOGICAL , ANATOMICAL AND FUNDAMENTAL PROCESS OF ANIMAL KINGDOM.</p> <p>C).STUDENTS WILL BE ABLE TO LEARN & UNDERSTAND THE LABORATORY EXERCISES EXPERIMENT AND PRACTICAL KNOWLEDGE.</p> <p>D). STUDENTS ABLE TO TRANSFORM EQUATION BY CHANGING THE DEPENDENT VARIABLE INDEPENDENT VARIABLE.</p>
5	B. SC. 3RD YEAR PROGRAMME	GENERAL PAPER - HINDI, ENGLISH, COMPUTER, ENVIRONMENTAL SCIENCE OPTIONAL PAPER- BOTANY, ZOOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS	<p>A). THIS COURSE WILL HELP THE STUDENT TO UNDERSTAND THE DIVERSITY OF PLANTS AND EVOLUTIONARY PROCESS IN PLANT KINGDOM</p> <p>B). STUDENTS WILL HAVE A GOOD UNDERSTANDING PHYSIOLOGICAL , ANATOMICAL AND FUNDAMENTAL PROCESS OF ANIMAL KINGDOM.</p> <p>C).STUDENTS WILL BE ABLE TO LEARN & UNDERSTAND THE LABORATORY EXERCISES EXPERIMENT AND PRACTICAL KNOWLEDGE.</p> <p>D). STUDENTS ABLE TO TRANSFORM EQUATION BY CHANGING THE DEPENDENT VARIABLE INDEPENDENT VARIABLE.</p>

6	B. A. B. ED. / B. SC. B. ED. (FIRST YEAR PROGRAMME)	GENERAL PAPER - 1. GENERAL HINDI OPTIONAL PAPER 1. CHILDHOOD AND GROWING UP 2.CONTEMPORARY INDIA AND EDUCATION 3.INSTRUCTIONAL SYSTEM AND EVOLUTION	1.TO DEVELOP AN UNDERSTANDING OF THE PRINCIPLES OF DEVELOPMENT EDUCATION AIMS TO PROMOTE SOCIAL AND CULTURAL AWARENESS AMONG INDIVIDUALS 3.A STATEMENT THAT WILL DESCRIBE WHAT THE LEARNER WILL BE ABLE TO DO AFTER COMPLETING THE INSTRUCTION 4.BRING OUT AND EVALUATE THE TARGET LEARNING OUTCOMES OF A PARTICULAR COURSE.UNDERSTAND WHY THAT KNOWLEDGE AND THOSE SKILLS WILL BE USEFUL TO THEM
7	B. A. B. ED. / B. SC. B. ED. (SECOND YEAR PROGRAMME)	GENERAL PAPER - 1. GENERAL ENGLISH OPTIONAL PAPER- 1. KNOWLEDGE AND CURRICULUM 2. LEARNING AND TEACHING 3. PEACE EDUCATION	

8	B. A. B. ED. / B. SC. B. ED. (THIRD YEAR PROGRAMME)	<p>GENERAL PAPER - 1. GENERAL COMPUTER OPTIONAL PAPER- 1. LANGUAGE ACROSS THE CURRICULUM 2.GUIDANCE AND COUNSELING IN SCHOOL 3 PEDAGOGY OF A SCHOOL SUBJECT (PART- 1),1ST & IIND YEAR (CANDIDATE SHALL BE REQUIRED TO OFFER ANY TWO PAPERS FROM THE FOLLOWING FOR PART-I & OTHER FOR PART- 2) 1. HINDI 2.SANSKRITI 3.ENGLISH 4. URDU 5. HISTORY 6.ECONOMICS 7.CIVICS 8.GEOGRAPHY 9.SOCIAL STUDIES 10. HOME SCIENCE 11.DRAWING AND PAINTING 12.MUSIC 13 PSYCHOLOGY PEDAGOGY OF A SCHOOL SUBJECT (PART-1), 1ST & LIND YEAR (CANDIDATE SHALL BE REQUIRED TO OFFER ANY TWO PAPERS FROM THE FOLLOWING FOR PART-1 & OTHER FOR PART-2) ❖ CHEMISTRY GEN. SCIENCE * BIOLOGY * PHYSICS MATHEMATICS SPECIAL TRAINING PROGRAMME MICRO TEACHING PRACTICE LESSON OBSERVATION LESSON TECHNOLOGY BASED LESSON CRITICISM LESSON , ATTENDANCE /SEMINAR/WORKSHOP</p>	<p>1.TO SUPPORT LANGUAGE DEVELOPMENT IN EACH AND EVERY CHILD, IN ALL DOMAINS OF LANGUAGE USE,IN EACH LEARNING ACTIVITY IN SCHOOL 2.TO HELP STUDENTS DEVELOP SELF AWARENESS AND SELF CONFIDENCE 3.TO PROMOTE STUDENT LEARNING AND ENRICH THE OVERALL SYSTEM OF EDUCATION 4.THEY NEED TO PUT INTO OPERATION THE METHODS STRATEGIES AND OPPORTUNITIES IN A WELL ORGANIZED MANNER. 5.CONCEPTUALIZE THE MEANING AND DIFFERENT PERSPECTIVES OF CURRICULUM</p>
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9	B. A. B. ED. / B. SC. B. ED. (4TH YEAR PROGRAM)	<p>GENERAL PAPER - ENVIRONMENTAL SCIENCE OPTIONAL PAPER - CREATING AND INCLUSIV SCHOOL 2. UNDERSTANDING THE DISCIPLINE AND SUBJECT 3. PHYSICAL EDUCATION AND YOGA 4. GENDER , SCHOOL , SOCIETY 5. ASSESSMENT FOR LEARNING PEDAGOGY OF A SCHOOL SUBJECT (PART- 1),1ST & IIND YEAR (CANDIDATE SHALL BE REQUIRED TO OFFER ANY TWO PAPERS FROM THE FOLLOWING FOR PART-I & OTHER FOR PART- 2) 1. HINDI 2.SANSKRITI 3.ENGLISH 4. URDU 5. HISTORY 6.ECONOMICS 7.CIVICS 8.GEOGRAPHY 9.SOCAIL STUDIES 10. HOME SCIENCE 11.DRAWING AND PAINTING 12.MUSIC 13 PSYCHOLOGY PEDAGOGY OF A SCHOOL SUBJECT (PART-1), 1ST & LIND YEAR (CANDIDATE SHALL BE REQUIRED TO OFFER ANY TWO PAPERS FROM THE FOLLOWING FOR PART-1 & OTHER FOR PART-2) ❖ CHEMISTRY GEN. SCIENCE * BIOLOGY * PHYSICS MATHEMATICS</p>	<p>1.UNDERSTAND CHRONOLOGICAL EVOLUTION OF KNOWLEDGE 2.TO ANALYZE AND UNDERSTAND ENVIRONMENT CONCERNS THROUGH THE PROCESS OF INQUIRY. 3. IS A COURSE THAT HIGHLIGHTS THE SKILLS, ATTITUDES AND VALUES THAT SCHOOLS NEED TO FOSTER TO BE ABLE TO SUPPORT LEARNERS WITH DIVERSE NEEDS. 4. UNDERSTAND HOW GENDER POWER AND SEXUABILITY RELATE TO EDUCATION (IN TERMS TO ACCESS CURRICULUM AND THE PEDAGOGY) 5. UNDERSTAND THE PRINCIPLES AND IMPORTANT CONCEPTS OF DRAWING AND PAINTING AS AN ART . 6. UNDERSTAND THE NATURE, SCOPE VALUES AND OBJECTIVES OF TEACHING SCIENCE AT SECONDARY LEVELS. 7. DEVELOP COMPETENCE IN TEACHING DIFFERENT TOPICS OF SCIENCE EFFECTIVELY..</p>
10	POST GRADUATE PROGRAMME		
11	M. A. GEOGRAPHY (PRE.)	<p>1. GROGRAPHY OF THOUGHTH 2.PHYCIAL GEOGRAPHY 3. ECONOMIC GEOGRAPHY 4. MEN AND ENVIRONMENT</p>	<p>STUDENTS WILL ACQUIRE AN UNDERSTANDING OF AND APPRECIATION FOR THE RELATIONSHIP BETWEEN GEOGRAPHY AND CULTURE.</p>

12	M. A. GEOGRAPHY (FINAL)	<ol style="list-style-type: none"> 1. GEOGRAPHY OF INDIA 2. POPULATION GEOGRAPHY 3. URBAN GEOGRAPHY 4. WATER RESOURCE 	STUDENTS WILL ACQUIRE AN UNDERSTANDING OF AND APPRECIATION FOR THE RELATIONSHIP BETWEEN GEOGRAPHY AND CULTURE.
13	M. SC. Zoology (pre)	<ol style="list-style-type: none"> 1. BIOSYSTEMATICS AND TAXONOMY 2. STRUCTURE AND FUNCTION OF INVERTEBRATES 3. MOLECULAR BIOLOGY AND BIOTECHNOLOGY 4. PHYSIOLOGY 5. BIOCHEMISTRY 6. QUANTITATIVE BIOLOGY AND POPULATION GENETICS 	STUDENT KNOWLEDGE AND SKILL IN THE FUNDAMENTALS OF ANIMAL SCIENCE TO UNDERSTAND THE COMPLEX INTERACTIONS AMONG VARIOUS LIVING ORGANISMS.
14	M. SC. ZOOLOGY (FINAL)	<ol style="list-style-type: none"> 1. CHORDATA 2. ENVIRONMENTAL BIOLOGY 3. GENE OF DIFFERENTIATION 4. TOOLS AND TECHNIQUE IN BIOLOGY 5. ENTOMOLOGY- 1 6. ENTOMOLOGY- 2 	<ol style="list-style-type: none"> 1. ANALYZE COMPLEX INTERACTIONS AMONG THE VARIOUS ANIMALS OF DIFFERENT PHYLA THEIR DISTRIBUTION AND THEIR RELATIONSHIP WITH THE ENVIRONMENT. 2.. IDENTIFY THE MAJOR GROUPS OF ORGANIZED ANIMALS AND BE ABLE TO CLASSIFY THEM WITHIN A PHYLOGENETIC FRAMEWORK.

17	M. SC PHYSICS (PRE.)	<p>1.CLASSICAL MECHANICS AND MATHEMATICAL METHOD OF PHYSICS 2.CLASSICAL ELECTRODYNAMICS 3.QUANTUM MECHANICS, ATOMIC METHOD AND MOLECULAR PHYSICS 4.ELECTRONICS, NUMERICAL METHOD AND COMPUTER PROGRAMMING</p>	<p>1.A STUDENT COMPLETING A MAJOR IN PHYSICS SHALL DEMONSTRATE THE ABILITY TO DEMONSTRATE CONCEPTUAL UNDERSTANDING OF FUNDAMENTAL PHYSICS PRINCIPLES. 2.STUDENT LEARNING OUTCOMES ARE THE SPECIFIED KNOWLEDGE, SKILLS, ABILITIES AND ATTITUDES THAT STUDENTS ARE EXPECTED TO ATTAIN BY THE END OF A LEARNING EXPERIMENT OR PROGRAM OF STUDY. 3.REMEMBERING 4. EVALUATING 5.CREATING 6.ANALYZING 7.IDENTIFY OWN STRENGTHS AND DEVELOP AREA FOR GROWTH..</p>
18	M. SC PHYSICS (FINAL)	<p>1.ADVANCED QUANTUM MECHANICS 2.NUCLEAR PHYSICS 3.STATISTICAL AND SOLID STATE PHYSICS 4. MICRO - WAVE ELECTRONICS</p>	

19	M. SC. CHEMISTRY (PRE.)	<ol style="list-style-type: none"> 1. INORGANIC CHEMISTRY 2. ORGANIC CHEMISTRY 3. PHYSICAL CHEMISTRY 4. SPECTROSCOPY AND DIFFRACTION METHODS 5. GREEN AND SUSTAINABLE CHEMISTRY 6. ANALYTICAL TECHNIQUE 	<p>STUDENT WILL GAIN AND UNDERSTANDING OF=</p> <ol style="list-style-type: none"> 1. CHEMICAL REACTIONS AND STRATEGIES TO BALANCE THEM. 2. THEY WILL GAIN PROFICIENCY IN LOGICAL DEDUCTION SKILLS THROUGH WRITTEN PROBLEMS AND LABORATORY WORK. 3. STUDENTS ARE EFFECTIVE COMMUNICATORS 4. CHILDREN HAVE A STRONG SENSE OF IDENTITY. 5. PRAXIS AND TECHNIQUE. 6. CRITICAL THINKING. 7. RESEARCH AND COMMUNICATION. 8. ABLE TO ANALYZE AND CAN EXPERIMENTAL SKILLS. 9. UTILIZE THE FUNDAMENTAL LABORATORY TECHNIQUES FOR ANALYSIS SUCH AS TITRATIONS, SEPARATIONS/PURIFICATION.
20	M. SC. CHEMISTRY (FINAL)	<ol style="list-style-type: none"> 1. APPLICATIONS OF SPECTROSCOPY, PHOTOCHEMISTRY AND SOLID STATE CHEMISTRY 2. BIOINORGANIC CHEMISTRY BIOORGANIC CHEMISTRY AND BIOPHYSICAL CHEMISTRY 3. ENVIRONMENTAL CHEMISTRY 4. ORGANIC SYNTHESIS 1 5. ORGANIC SYNTHESIS 2 6. HETEROCYCLIC CHEMISTRY 7. CHEMISTRY OF NATURAL PRODUCTS 	

21	M. SC. MATHEMATICS (PRE.)	<ol style="list-style-type: none"> 1. ADVANCED ABSTRACT ALGEBRA 2. REAL ANALYSIS AND TOPOLOGY 3. DIFFERENTIAL EQUATIONS AND SPECIAL FUNCTIONS 4. DIFFERENTIAL GEOMETRY AND TENSOR 5. MECHANICS 	
22	M. SC. MATHEMATICS (FINAL)	<ol style="list-style-type: none"> 1. ANALYSIS AND ADVANCED CALCULUS 2. VISCOUS FLUID DYNAMICS 3. RELATIVITY AND COSMOLOGY 4. INTEGRAL TRANSFORM AND INTEGRAL EQUATION 5. ADVANCE NUMERICAL ANALYSIS 	<ol style="list-style-type: none"> 1. EMPHASIZE THE APPLICATION AND INTEGRATION KNOWLEDGE. 2. STUDENTS WILL RECOGNIZE PROBLEM SOLVING TECHNIQUES APPROPRIATE TO A GIVEN SITUATION ,INCLUDING THE DEVELOPMENT OF MATHEMATICAL MODELS, THE IDENTIFICATION OF ASSUMPTIONS, THE UNDERSTANDING OF THE LIMITATIONS OF THE MODELS, AND THE USE OF BOTH GRAPHICAL AND NUMERICAL METHODS.