



School of Education

Criterion II – Curricular Aspects

Key Indicator	1.1	Curriculum Design and Development
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Program Outcomes and Course outcomes of

Department of Education

Programme offered:

S.No	Program Name	PO and CO
1.	B.Ed	Yes
2.	M.Ed	Yes

B.Ed Education

PROGRAMME OUTCOMES	
PO1	Realize the significance of Values in Self-development
PO2	Explain the relationship between social system and education
PO3	Understand the implication of educational theories for today's classroom teachers
PO4	Understand the influence of views of educational pioneers on today's school
PO5	Explore the educational thoughts of great thinkers and understand the issues and challenges in Indian Society and educational solutions.
PROGRAMSPECIFICOUTCOME	
PSO1	Explore the educational thoughts of great thinkers and understand the issues and challenges in Indian Society and educational solutions.
PSO2	Develop appropriate skills for planning, decision making and leadership qualities

PSO3	Develop interest in the educational administration and management techniques
PSO4	Realize the significance of Values in Self-development
PSO5	Review Commerce and Accountancy syllabus

Course outcomes (Cos)

B.Ed

S.NO.	SEMESTER	COURSE CODE	COURSE TITLE	COURSE OUTCOMES
1	SEM-I	22130PE11	Psychology of Learners and Learning	After completion of this course, the student-teachers will be able to: CO1: Acquire knowledge about various methods of psychology. CO2: Gain knowledge about the concept of learning and its related theories. CO3: Get to know about motivation and its influence on human behavior. CO4: Acquire knowledge about concepts of intelligence and creativity. CO5: Familiarize with the concepts and theories of personality.
2	SEM-I	22130PE12	Assessment for Learning	CO1: Gain knowledge of judging and scoring of student performance. CO2: Know the principles of assessment practices. CO3: Differentiate between the types of assessment. CO4: Point out the key issues in classroom assessment. CO5: Understand how assessment can be possible in inclusive settings.

Group-B: Curriculum and Pedagogic studies

3	SEM-I	22130CP13A	Pedagogy of Tamil :Part-I	<p>CO1: Analyze the concept of pedagogy, andragogy and heutagogy.</p> <p>CO2: practice Carl Roger's Non-directive model in a new learning situation</p> <p>CO3: practice activity-based Instruction concept like Roleplay, simulation, gaming and prioritizing.</p> <p>CO4: Analyze different types of Educational Resources in Classroom learning.</p> <p>CO5: set achievement test and evaluate Tamil based instruction.</p>
4	SEM-I	22130CP13B	Pedagogy of English :Part-I	<p>CO1: Analyze the aims and objectives of teaching of English.</p> <p>CO2: Practice micro teaching skills in the class.</p> <p>CO3: Write model lesson plans for teaching a prose and poetry.</p> <p>CO4: Handle various methods of teaching English.</p> <p>CO5: Analyze the different use of Mass Media in class room instruction.</p>
5	SEM-I	22130CP13C	Pedagogy of Mathematics: Part-I	<p>CO1: Understand the aims, objective, need and significance of teaching Mathematics.</p> <p>CO2: Develop appropriate Micro Teaching Skills in Macro teaching.</p> <p>CO3: Prepare a Lesson Plan to teach Mathematics.</p> <p>CO4: Analyze various Teacher Centered Methods and Learner Centered Methods of teaching Mathematics.</p> <p>CO5: Utilize ICT skills for teaching Mathematics.</p>
6	SEM-I	22130CP13D	Pedagogy of Physical Science :Part-I	<p>CO1: Examine the need and significance of teaching Physical Science.</p> <p>CO2: Formulate the instructional objectives of a lesson.</p> <p>CO3: Practice the micro teaching skills in Physical Science</p> <p>CO4: Interpret various methods of teaching Physical Science</p> <p>CO5: Analyze and use the resources for teaching Physical Science.</p>

7	SEM-I	22130CP13E	Pedagogy of Biological Science :Part-I	CO1: Examine the Aims and Objectives of pedagogy of Biological Science. CO2: Discuss the ways of planning for instruction. CO3: Analyze the importance of teaching skills. CO4: Construct a lesson plan for teaching Biological Science. CO5: Use the resources for teaching Biological Science.
8		22130CP13F	Pedagogy of Computer Science :Part-I	CO1: Explain the aims and objectives of teaching Computer Science. CO2: Select and use appropriate teaching skills in their teaching. CO3: Write lesson plans and unit plans on their own. CO4: Develop programmed instruction for the lessons in Computer Science. CO5: Explain the various instructional media to be used in teaching Computer Science.
9	SEM-I	22130CP13G	Pedagogy of Social Science :Part-I	CO1: Explain the aims and objectives of teaching social science. CO2: Demonstrate the micro teaching skills. CO3: realize the macro teaching skills CO4: Identify the different methods in teaching social Science. CO5: Generalize the various ICT resources in Teaching social science.
10		22130CP13H	Pedagogy of Commerce and Accountancy :Part-I	CO1: Analyze the aims and objectives of teaching of Commerce. CO2: Practice micro teaching skills in the class. CO3: Write model lesson plans for teaching Commerce and Accountancy. CO4: Handle various methods of teaching Commerce and Accountancy. CO5: Analyze the different use of Mass Media in classroom instruction.
11	SEM-I	22130CP13I	Pedagogy of Economics :Part-I	CO1: Examine the Aims and Objectives of pedagogy of economics. CO2: Discuss the ways of planning for instruction. CO3: Analyze the importance of teaching skills. CO4: Construct a lesson plan for teaching economics. CO5: Use the resources for teaching Economics.

12	SEM -I	22130CP13J	Pedagogy of History :Part-I	CO1:Describe the need and importance of Teaching History. CO2: Demonstrate the various Teaching skills. CO3 :Prepare a Lesson Plan. CO4: Handle various Methods of Teaching History. CO5: Utilize various instructional media in Teaching History.
13	SEM-I	22130CP13K	Pedagogy of Geography :Part-I	CO1: Describe the need and importance of Teaching Geography. CO2: Demonstrate the various Teaching skills. CO3: Prepare a Lesson Plan. CO4: Handle various Methods of Teaching Geography. CO5: utilize various instructional media in Teaching Geography
Group-C: Enhancing Professional Capabilities/Elective				
14	SEM-I	22130EP14A	Yoga, Health and Physical Education	CO1: Apply the aims and objective of yoga in real life situation. CO2: Analyze the scope of health education and methods of impart health education in schools. CO3: Infer ideas about the different cause and symptoms of different communicable diseases. CO4: Analyze the scope, need and importance of physical education. CO5: Distinguish between intramural and Extramural competitions.
15	SEM-I	22130EP14B	Guidance and Counseling	CO1: Elucidate the need of guidance and counselling in schools. CO2: Describe the different services in the school guidance programme. CO3: Understand the various therapies in counselling. CO4: Acquire the skills necessary to administer and interpret standardized tools. CO5: Know the qualities required for a good counsellor.

16	SEM-I	22130EP14C	Education administration and Management	<p>CO1: Acquire knowledge of the terms used in educational administration and management.</p> <p>CO2: Understand the role of headmaster and his/her duties.</p> <p>CO3: Develop the mode of inspection and supervision of function.</p> <p>CO4: Know the role of teacher in decision making.</p> <p>CO5: Develop interest in the educational Administration and management techniques.</p>
17	SEM-I	22130EP14D	PRE-Primary Education	<p>CO1: Gain the knowledge of the development of Pre-Primary education.</p> <p>CO2: Acquaint with the policy perspectives of ECCE in India and world.</p> <p>CO3: Systematize experiences and strengthen the professional competencies of pre-school teachers.</p> <p>CO4: Organize meaningful learning experiences for pre-school children.</p> <p>CO5: develop skills required in selecting and organizing learning experiences</p>
Research Skill Development (RSD) Course				
18	SEM-I	22130CRS	Research Led Seminar	<p>CO1: Reflect on the role of research in teaching and overall professional development.</p> <p>CO2: Discuss ways of ensuring integrity and ethics in conducting research.</p> <p>CO3: Understand the process of research.</p> <p>CO4: Comprehend the research design and research plan.</p> <p>CO5: Recognize the research problem.</p>
SEMESTER-II				
Group-A: Perspectives in Education (Core)				
19	SEM-II	22130PE21	Contemporary India and Education	<p>CO1: Identify aims of education and types of education.</p> <p>CO2: Explain the nature of social diversity in India and the role of education in creating positive attitude towards diversity.</p> <p>CO3: Interpret the issues in contemporary India like industrialization, Universalization of education and integrated education and inclusive education.</p> <p>CO4: Infer about the Language policies during Pre-independent and Post-independent India.</p> <p>CO5: Summarize about equality in constitutional provisions and elimination of social inequalities through</p>

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20	SEM-II	22130PE22	Teaching and Learning	CO1:GeneralizethePrinciplesofLanguageacrossthe Curriculum. CO2:PracticeLanguageproficiencyskills. CO3: Distinguish the models of curriculum integration. CO4:Summarizethetheoriesoflanguagelear ning. CO5:Interpretthelanguagerelatedissues.
Group-B:CurriculumandPedagogicstudies				
21	SEM-II	22130CP23A	Pedagogy of Tamil :Part-II	CO1:analysetheconceptofpedagogy,andr agogyandheutagogy. CO2:practiceCarlRoger'sNon- directivemodelinanewlearningsituation CO3: practice activity- basedInstructionconceptlikeRolepl ay,simulation,gamingandprioritizi ng. CO4: analyses different types of Educational Resources in Classroom learning. CO5:setachievementtestandevaluate Tamil based instruction.
22	SEM-II	22130CP23B	Pedagogy of English :Part-II	CO1:analysetheconceptofpedagogy,andr agogyandheutagogy. CO2:practiceCarlRoger'sNon- directivemodelinanewlearningsituation CO3: practice activity- basedInstructionconceptlikeRolepl ay,simulation,gamingandprioritizi ng. CO4: analyses different types of Educational Resources in Classroom learning. CO5:setachievementtestandevaluate English based instruction.
23	SEM-II	22130CP23C	Pedagogy of Mathematics :Part- II	CO1: explain the concept of critical Pedagogy.CO2:adoptvariousteachingModelsinteachi ng Mathematics. CO3:demonstrateActivityBasedInstructionandGro upControlledInstruction. CO4:developthevariousEducationalResourcesforteachingandlearningMathematics. CO5:analysethedifferencebetweenAssessment And Evaluation.

24	SEM-II	22130CP2 3D	Pedagogy of Physical Science: Part-II	CO1:examinetheimportanceofCriticalPedagogy. CO2:appreciatethevariousmodelsofteaching. CO3:practiceActivityBasedInstructioninteachingPhy sicalScience. CO4:analysesandusetheresourcesforteachingPhy sicalScience. CO5:handlevarioustypesofevaluationinteachingPhy sicalScience.
25	SEM-II	22130CP2 3E	Pedagogy of Biological Science: Part-II	CO1.ExaminetheimportanceofCriticalPed agogy. CO2.Appreciatethevariousmodelsofteaching. CO3.PracticeActivityBasedInstructioninteachingofB iologicalscience. CO4.AnalyzeandusetheresourcesforteachingBiologic alscience. CO5.Handlevarioustypesofevaluationintea chingBiologicalscience.
26	SEM-II	22130CP2 3F	Pedagogy of Computer Science: Part-II	CO1.Analyze the concept of Pedagogy, Andragogy and Heutagogy. CO2.Demonstrate CarlRoger's Non-directive model in a new learning situation. CO3.Practiceactivity-basedInstructionconceptlike Role play, simulation, gaming and prioritizing. CO4.AnalyzedifferenttypesofEducationalReso urcesinClassroomlearning. CO5.Construct an achievement test and evaluate computer-based instruction.
27	SEM-II	22130CP2 3G	Pedagogy of Social Science: Part-II	CO1:Explain the Paradigmshift. CO2:Demonstrate the variousteachingmodels. CO3: Identify activity based and group-controlled instructions. CO4: Establish various resource centers in teaching Social Science. CO5: Generalize multiple assessment tools in teaching and learning.
28	SEM-II	22130CP2 3H	Pedagogy of Commerce and Accountancy: Part-II	CO1:Examine the importance of Critical Pedagogy. CO2: Appreciate the variousmodelsofteaching. CO3: Practice Activity Based Instruction in teaching of Commerce and Accountancy. CO4:Analyses and use the resources for teaching Commerce and Accountancy. CO5:Demonstratevarioustypesofevaluationin Teaching Commerce and Accountancy.

29	SEM-II	22130CP2 3I	Pedagogy of Economics: Part-II	CO1.ExaminetheimportanceofCriticalPedagogy. CO2.appreciatethevariousmodelsofteaching. CO3.practiseActivityBasedInstructioninteachingofEconomics. CO4.analyseandusetheresourcesforteachingEconomics CO5. Demonstrate various types of evaluation in teaching Economics.
30	SEM-II	22130CP2 3J	Pedagogy of History: Part-II	CO1:Explain the Paradigmshift. CO2:Demonstratethevarioussteachingmodels.CO3 .Identifyactivitybasedandgroup- Controlled instruction. CO4.EstablishvariousresourcecentersinteachingHistory. CO5.Generalize multipleassessment tools in Teaching and learning.
31	SEM-II	22130CP2 3K	Pedagogy of Geography: Part-II	CO1:Explain the Paradigm shift from Pedagogyto Andragogy to Heutagogy. CO2:Demonstratethevarioussteachingmodels.CO3:identifyactivitybasedandgroup- Controlled instruction. CO4:Analyze various resource centers in teaching Geography. CO5:Demonstratemultipleassessmenttoolsin Teaching and learning.
Group-C:EnhancingProfessionalCapabilities/Elective				
32	SEM-II	22130EP2 4A	Environmental Education	CO1.Understandtheneedforenvironmentaleducation. CO2.Namethenaturalresourcesanditsassociatedproblems. CO3.Identifythedifferenttypesofpollution,itsimpactandmanagementofpollution. CO4.Appreciatethepoliciesandprogrammesinitiatedtoprotecttheenvironment. CO5.Analyzetheenvironmentaleducationcurriculum.
33	SEM-II	22130EP2 4B	Exploring library and other learning resources	CO1:Enumeratethefunctionsandobjectivesoflibrary. CO2:Explaininformationsourcesandservices. CO3:UnderstandtheplaceofMOOCsinthechangingscenario. CO4:Developanunderstandingaboutorganizingdifferenttypesoflibrary CO5: Acquire knowledge about various instructional strategies to teach the students

34	SEM-II	22130EP2 4C	Teaching Early Child Hood Education	CO1: Develop awareness about the importance of Early Childhood Education. CO2: Acquire a sound knowledge about the contribution of various philosophers to the cause of early childhood education. CO3: Develop an understanding about organizing different types of early childhood education programmes. CO4: Acquire knowledge about various instructional strategies to teach young children. CO5: Develop awareness about the various developmental aspects of children.
35	SEM-II	22130EP2 4D	Professional Course for teacher Proficiency	CO1: Acquire knowledge on various concepts of pedagogy. CO2: Understand the human growth development. CO3: Identify professional ethics of teacher. CO4: Analyze text-Books for VI, VII and VIII Standards. CO5: Virtualize leadership profile of the teacher.
Research Skill Development (RSD) Course				
36	SEM-II	22130CRM	Research Methodology	CO1: Understand the steps in research process and the suitable methods. CO2: Identify various research communications and their salient features. CO3: Carry out basic literature survey using the common data-bases. CO4: Give exposure to MATLAB platform for effective computational and graphic works Required for quality research. CO5: Understand the process of research
SEMESTER-III				
Group-A: Perspectives in Education (Core)				
37	SEM-III	22130PE3 1	Knowledge and Curriculum	CO1: Recognize the types, categories of knowledge. CO2: Generalize the Principles of Curriculum Development. CO3: Compare the various Curriculum design and organization of Curriculum. CO4: Determine the various models of Curriculum. CO5: Summarize the Evaluation Phases.

Group-B: Curriculum and Pedagogic studies

38	SEM-III	22130CP3 2A	Pedagogy of Tamil: Part-III	<p>CO1: Identify concepts to be transected at various levels with special emphasis on Tamil content.</p> <p>CO2: Explain the planning for theory of set and function.</p> <p>CO3: Develop sequences and series of real numbers.</p> <p>CO4: Organize the concept for teaching-learning of algebra.</p> <p>CO5: Identify learner's matrices and geometry</p>
39	SEM-III	22130CP3 2B	Pedagogy of English: Part-III	<p>CO1: Acquire knowledge about different aspects of language.</p> <p>CO2: Use language for effective communication. Familiarize with nature and structure of English language.</p> <p>CO3: Master content, pedagogical and technical knowledge.</p> <p>CO4: Enable them to professionalize teaching of language based on constructive approach.</p> <p>CO5: Understand about different objectives of teaching English.</p>
40	SEM-III	22130CP3 2C	Pedagogy of Mathematics: Part-III	<p>CO1: Identify concepts to be transected at various levels with special emphasis on mathematics content.</p> <p>CO2: Explain the planning for theory of set and function.</p> <p>CO3: Develop sequences and series of real numbers.</p> <p>CO4: Organize the concept for teaching-learning of algebra.</p> <p>CO5: Identify learner's matrices and geometry.</p>
41	SEM-III	22130CP3 2D	Pedagogy of Physical Science: Part-III	<p>CO1: Gain insight on the meaning and nature of physical science</p> <p>CO2: Develop attitude of students towards teaching of physical science</p> <p>CO3: Appreciate that physical science is dynamic and expanding body of knowledge</p> <p>CO4: Understand the process of physical science and role of laboratory in teaching learning situations</p> <p>CO5: Use effectively different activities and experiences for teaching-learning of Physical science</p>

42	SEM-III	22130CP3 2E	Pedagogy of Biological Science: Part-III	CO1: Become self-made professional teachers CO2: Understand psychological foundations of Education and learning theories. CO3: Keep themselves abreast of latest trends and issues in secondary education. CO4: Reduce the gap between theory and practice i.e., Teacher – education curriculum and school CO5: Rationalize curricular areas of teacher education to develop ICT Knowledge-base.
43	SEM-III	22130CP3 2F	Pedagogy of Computer Science: Part-III	CO1: Acquire knowledge of the approaches to computer science in level I CO2: Obtain in depth knowledge about teaching of computer science CO3: Comprehend the concepts of growth and development of computer science in education CO4: Know about various policies CO5: Understand integrating ICT in teaching
44	SEM-III	22130CP3 2G	Pedagogy of Social Science: Part-III	CO1: Develop the fundamental social values in school curriculum. CO2: Equip with resources, strategies and approaches of learning. CO3: Comprehend the nature, aims and scope of teaching social science. CO4: Develop professional skills and understand individual differences in classroom teaching. CO5: Comprehend the Philosophical Principles related to school curriculum.
45	SEM-III	22130CP3 2H	Pedagogy of Commerce and Accountancy: Part-III	CO1: Ancient Trade and Commerce are effectively analyzed. CO2: Essential Need for Warehouses and the importance of Transport are highly appreciated. CO3: Recent development in Global Banking is thoroughly comprehended. CO4: The importance of Insurance is clearly understood. CO5: The value of Advertisement is clearly understood.

46	SEM-III	22130CP3 2I	Pedagogy of Economics: Part- III	CO1: Create positive attitude on the curriculum of Economics. CO2: Apply skill on the problems of teaching Economics. CO3: Develops skill in lifelong learning. CO4: Understand the meaning and scope of Economics. CO5: Develop knowledge on various methods in teaching and learning Economics.
47	SEM-III	22130CP3 2J	Pedagogy of History: Part- III	CO1: Understand the dimensions and classifications of History. CO2: Develop effective teaching skills. CO3: Acquire knowledge of the nature, scope, structure and concept of History. CO4: Get familiarized with the various learning resources for professional effectiveness CO5: Acquire knowledge of the nature, scope, structure and concept of History.
48	SEM-III	22130CP3 2K	Pedagogy of Geography: Part- III	CO1: Acquire adequate knowledge of contents in Geography. CO2: Read and interpret maps, graphs and weather charts. CO3: Understand the nature and scope of Geography. CO4: Acquire knowledge on the current trends in Geography Curriculum. CO5: Provide practical experience in making and using software material.
Group- C: Enhancing Professional Capabilities/Elective				
49	SEM-III	22130EP 3 3A	Peace Education	CO1: Examine the need and importance of value education. CO2: Discuss the ways of fostering values in children. CO3: Analyze the importance of peace education. CO4: Construct the culture of developing peace education. CO5: Use the approaches of value inculcation in Children.
50	SEM-III	22130EP 3 3B	Drama and Art in Education	CO1: Enable learners to perceive the social and environmental issues through drama and art. CO2: Develop understanding of the local culture through drama and art. CO3: Widen the understanding of learners by integrating global culture. CO4: Understand the functions of drama and art. CO5: Learn how to integrate drama and art in the school curriculum.

1	SEM-III	22130EP 3 3C	Strengthening language proficiency	<p>CO1: Enhance one's facility in the language of instruction thus a vital need of student-teachers, irrespective of the subject area that they are going to teach.</p> <p>CO2: Visualize as a range of primarily text-based language activities, which will aid in strengthening the ability to 'read', 'think', 'discuss and communicate' as well as to 'write' in the language of instruction.</p> <p>CO3: Develop a taste for and abilities in reading and making meaning of different kinds of texts.</p> <p>CO4: Develop a taste for and abilities in reading and making meaning of different kinds of texts.</p> <p>CO5: Use language for effective communication. Familiarize with nature and structure of English language</p>
52	SEM-III	22130EP 3 3D	Gender Issues in Education	<p>CO1: Develop basic understanding and familiarity with key concepts—gender, gender bias, gender stereotype, empowerment, gender parity, equity and equality, patriarchy and feminism;</p> <p>CO2: Understand the gradual paradigm shift from women's studies to gender studies and some important landmarks in connection with gender and education in the historical and contemporary period;</p> <p>CO3: learn about gender issues in school, curriculum, textual materials across disciplines, pedagogical processes and its intersection with class, caste, religion and region; and</p> <p>CO4: Understand how gender, power and sexuality relate to education (in terms of access, curriculum and pedagogy).</p> <p>CO5: understand how the female, power and Sexuality relate to education.</p>

SEMESTER-IV				
Group-A: Perspectives in Education (Core)				
53	SEM-IV	22130PE4 1	Creating an Inclusive school	CO1: Explain Various Education programmes for CWSN. CO2: Analyze the different Barriers to Inclusive Education. CO3: Examines the strategies to build inclusive learning environment in School. CO4: Demonstrate the importance of curriculum adaptation. CO5: Interpret the common issues and Challenges in management of inclusive classroom.
54	SEM-IV	22130PE4 2	Gender, School and Society	CO1: Discuss the reasons for gender inequalities CO2: Analyze the gender roles and responsibilities in schools CO3: Integrate gender roles in School and curriculum. CO4: Debate on preventive measures of Sexual Abuse and Violence CO5: Explain about the Gender equalities And role of mass media.
55	SEM-IV	22130PE4 3	Language across the Curriculum	CO1: Generalize the principles of language across the curriculum CO2: Practice language proficiency skills. CO3: apprehend the models of curriculum integration. CO4: Summarize the theories of language learning CO5: Interpret the language related issues.
Group-B: Curriculum and Pedagogic studies				
56	SEM-IV	22130CP4 4A	Pedagogy of Tamil: Part-IV	CO1: Analyze the concept of pedagogy, andragogy and heutagogy. CO2: Practice Carl Roger's Non-directive model in a new learning situation CO3: Practice activity- based Instruction concept like Role play, simulation, gaming and prioritizing.. CO4: Analyze different types of Educational Resources in Classroom learning. CO5: Set achievement test and evaluate Tamil

				Based instruction
57	SEM-IV	22130CP4 4B	Pedagogy of English: Part- IV	CO1: Analyze the concept of pedagogy, andragogy and heutagogy. CO2: Practice Carl Roger's Non-directive model in a new learning situation. CO3: Practice activity-based Instruction concept like Roleplay, simulation, gaming and prioritizing.. CO4: Analyzed different types of Educational Resources in Classroom learning. CO5: Set achievement test and evaluate English based instruction.
58	SEM-IV	22130CP4 4C	Pedagogy of Mathematics: Part- IV	CO1: Identify concepts to be transected at various levels with special emphasis on mathematics content. CO2: Explain the planning for trigonometry, statistics and probability. CO3: Develop sequences and practical geometry of coordinate geometry. CO4: Organist the concept for teaching-learning of complex numbers. CO5. Identify learning resources in Mathematics.
59	SEM-IV	22130CP4 4D	Pedagogy of Physical Science :Part-IV	CO1: Identify and use of learning resources in physical science. CO2: Develop indicators for performance. CO3: Develop assessment framework in physics and chemistry. CO4: Explain professional development programmed for physics and chemistry teachers. CO5: Explored different ways of creating learning situations in learning different concept of physical science
60	SEM-IV	22130CP4 4E	Pedagogy of Biological Science :Part-IV	CO1: Become self-made professional teachers. CO2: Understand psychological foundation of education and learning theories. CO3: Keep themselves abreast of latest trends and issues in secondary education. CO4: Reduce the gap between theory and practice i.e., Teacher – education curriculum and school realities. CO5: Rationalize curricular areas of teacher education to develop ICT knowledge-Base.

61	SEM-IV	22130CP4 4F	Pedagogy of Computer Science:Part-IV	CO1:Acquireknowledgeoftheapproachestocom puterscienceinlevelII CO2:Developassessmentframeworkincomputersc ience CO3:Organizetheconceptsforteaching- learningofcomputerscience CO4: Identify the application of computersciencephenomenoninday-to- daylifeandhumanwelfare CO5:Explainprofessionaldevelopment Programmersforcomputersciencete achers.
62	SEM-IV	22130CP4 4G	Pedagogy of Social Science:Part-IV	CO1:Acquiretheaimsandobjectivesofteac hingpoliticalscience. CO2:Understandtheschoolcontentintheirres pectivesubjects. CO3:Applytheeducationalinnovationintea chinglearningprocess. CO4:Comprehendthepsychologicalprinciplesrelate dtoschoolcurriculum. CO5:Learninteractionanalysisinhandling Socialscienceforaneffectiveclassroom.
63	SEM-IV	22130CP4 4H	Pedagogy of Commerce and Accountancy: Part-IV	CO1:Exploretheindividualdifferencesexistingamo ng the learners for effective teachingof commerce and accountancy by thestudentteachers. CO2: Help the student teachers familiarize thescholastic and non-scholastic commercecurriculumtoacquirethedifferen ceskillsandabilities relating to formation ofcommercedepartmentanditsactivities. CO3: Enable the student teachers for usingdifferent strategies and approaches inteachingofCommerce&Accountancy. CO4:Helpthestudentteacherstounderstandtheinst ructional materials employed inteachingofCommerce&Accountancy. CO5: Help the student teachers to understandthedifferentlearningresourcee mployed InteachingofCommerce&Accountancy.

64	SEM-IV	22130CP4 4I	Pedagogy of Economics: Part-IV	CO1: Understand the recent developments in Economics. CO2: develop understanding the use of various support materials required for teaching of Economics. CO3: Apply the educational innovation in teaching learning process. CO4: Develop positive attitude on the textbook of Economics. CO5: Apply skill effectively on the resources Available to teach Economics.
65	SEM-IV	22130CP4 4J	Pedagogy of History: Part-IV	CO1: To develop understanding the use of various support materials required for teaching of History. CO2: Apply the educational innovation in teaching and learning process. CO3: Acquire adequate knowledge of contents in History. CO4: Know the importance of co-curricular activities in History. CO5: Explore learning in History.
66	SEM-IV	22130CP4 4K	Pedagogy of Geography: Part-IV	CO1: Organize Co-Curricular activities in Geography. CO2: Ability to organize Geography laboratory in the school. CO3: Understand and appreciate the objectives of Teaching Geography. CO4: Apply the educational technology in teaching learning process. CO5: Develop different skills in using computer for Teaching Geography.
Group-C: Enhancing Professional Capabilities/ Elective				
67	SEM-IV	22130EP4 5A	Critical Understanding of ICT	CO1: understand the concept of Information and Communication Technology CO2: acquire knowledge about new horizons in ICT CO3: comprehend the theory of communication CO4: appreciate enriched learning experiences using ICT CO5: comprehend the role played by ICT in Education.

68	SEM-IV	22130EP4 5B	Understanding the Self	CO1: Different dimension of self and personality are understood. CO2: Positive self-esteem and Emotional Integration are developed. CO3: The capacities for Empathic listening and communication skills are developed. CO4: Peace, Progress and harmony are established. CO5: The aim of becoming a self-reflective Practitioner is achieved.
69	SEM-IV	22130EP4 5C	Human Rights	CO1: Identify the concept of human rights and list out the components. CO2: Summarize the duties and responsibilities and explain the Harmony and Conflict. CO3: Discriminate the various issues related to status of women and compare the Indian and Western countries.
				CO4: Relate the societal Problem and apply the knowledge RTE & POSCO Act. CO5: Summarize the problems of enforcement of Human rights in India.
70	SEM-IV	22130EP4 5D	Addressing special needs in Classroom	CO1: Demonstrate knowledge of different perspectives in the area of education of children with disabilities; CO2: Reformulate attitude towards children with special needs; CO3: Identify needs of children with diversities; CO4: Plan need-based program for all children with varied abilities in the classroom; CO5: Use human and material resources in the classroom;
Research Skill Development (RSD) Course				
71	SEM-IV	22130PEE	Program Exit Examination	CO1: Realize the value of English. CO2: Acquire knowledge about new horizons in ICT CO3: Understand the need for inclusion of environmental education in school curriculum CO4: Acquire the knowledge of commonly used Tests in schools CO5: Describe the various testing devices in guidance

M.Ed Education

PROGRAMME OUTCOMES

PO1	➤ Comprehend the concepts growth and development and various theories of growth and development
PO2	➤ Explore the educational thoughts of great thinkers and understand the issues and challenges in Indian Society and educational solutions.
PO3	➤ The formation of schooling and identity is well understood
PO4	➤ develop skills required in selecting and organizing learning experiences
PO5	➤ Understand in –depth the concepts of intelligence and creativity

PROGRAMSPECIFICOUTCOME

PSO1	➤ Explore the educational thoughts of great thinkers and understand the issues and challenges in Indian Society and educational solutions.
PSO2	➤ develop appropriate skills for planning, decision making and leadership qualities
PSO3	➤ develop interest in the educational administration and management techniques
PSO4	➤ Realize the significance of Values in Self-development

COURSE OUT COMES (COS)

M.Ed Education

S.No	Semester	Course Code/Name	Course Outcome	COURSEOUTCOMES
1.	SEM-1	22230PC11	History an Political Economy Of Education in India	<p>After completing this course, the student teachers will be able to:</p> <p>CO 1 : Explain the historical development of Indian education.</p> <p>CO2: Understand the significance of seventh schedule of the Indian constitution in educating the masses of our country.</p> <p>CO3: Describe the terms of reference various educational committees and commissions after Indian independence.</p> <p>CO4:Lis the salient aspects of National Skill Development Mission.</p> <p>CO5:Understandtherelationshipbetweeneducationandec onomicdevelopment</p>
2.	SEM-I	22230PC12	Advanced Educational Psychology	<p>CO1:Understandthedifferentschoolsofpsychology</p> <p>CO2:Compareand contrast the strength and weakness of different methods of psychology</p> <p>CO3:Spelloutthebiogenicandsocio-genicmotivesandvarious theories of motivation</p> <p>CO4:Explainthefactorsinfluencingself-regulationofthe learners</p> <p>CO5:Understand the concepts of intelligence ,its theories and measurement</p> <p>CO6:Suggestswaystofosteringcreativityamongthelearners</p> <p>CO7:Comprehendthepersonalitytheories and assessment of personality</p> <p>CO8:Applythedifferenttypesofmechanismsindifferentsituations</p> <p>CO9:Acquireskillsandcompetenciesindesigning and application of psychological tools and techniques</p> <p>CO10:Debatethestrengthandweaknessofstandardizedtesting</p>
3.	SEM-I	22230TC13	Basics in Educational Research	<p>CO1:Identify the different types of research</p> <p>CO2:Identify the appropriate research problem pertaining to his/her dissertation work</p> <p>CO3:Write the review of literature</p>

			h	American Psychological Association CO4: Write a research proposal in an effective manner CO5: Frame research questions and objectives CO6: Find relevant sampling techniques in his/her research work CO7: Develop various research instruments and standardize by appropriate methods CO8: Understand the various types of hypotheses and its testing procedures CO9: Conduct case studies and action research independently CO10: Use various types of scales of measurement
4.	SEM-I	22230TE14	Teacher Education In India Elementary & Secondary Level	CO1: Understand the context of elementary education. CO2: Gain knowledge of teacher education in ancient period. CO3: Analyze the various assessment procedures used in elementary education. CO4: Familiarize evaluation in elementary teacher education. CO5: Explore the commissions and committees' recommendations of secondary teacher education. CO6: Spell out the role of National level and State Level agencies at secondary level Education. CO7: Analyze the functioning of various agencies of secondary teacher education. CO8: Realize the importance of preparing special education teachers. CO9: Comprehend the National Curriculum Framework (2005) and its aspects. CO10: Undertake the current trends in student's assessment at secondary level.
5.	SEM-I	22230SC15A	Early Child Care and Education	CO1: Explain the concept, meaning and importance of early childhood care and education. CO2: Summarize various developments in early childhood stage. CO3: Implement the various committee recommendations and suggestions in early childhood care and education. CO4: Describe the implications of planning and management of early childhood care and education. CO5: Compare various organization contributions in early childhood care and education
6.	SEM-I	22230SC15B	Women Education and	CO1:

			Empowerment	<p>Explain the Participation of women in social reform movements</p> <p>CO2: Examine the Policies related to women's empowerment</p> <p>CO3: Execute the Women's rights</p> <p>CO4: Evaluate the role of Mass media on gender education</p> <p>CO5: Understand the role of education on women's empowerment</p>
7.	SEM-I	22230SC15C	Inclusive Education	<p>CO1: Identified the global and national commitments towards the education of children with diverse needs,</p> <p>CO2: Gain knowledge about inclusive pedagogy</p> <p>CO3: Explain the concept of specific teaching strategies to teach subjects at primary and secondary level</p> <p>CO4: Evaluate the nature of difficulties encountered by disabled children.</p> <p>CO5: Examine the Policies related to Inclusive Education</p>
8.	SEM-I	22230CRS	Research Led Seminar	<p>CO1: Reflect on the role of research in teaching and overall professional development</p> <p>CO2: Discuss ways of ensuring integrity and ethics in conducting research</p> <p>CO3: Understand the process of research</p> <p>CO4: Comprehend the research design and research plan</p> <p>CO5: Recognize the research problem</p>
9.	SEM-II	22230PC21	Philosophy of Education	<p>CO1: Explain the concepts and meaning of philosophy and education.</p> <p>CO2: Describe the fundamental philosophical domains.</p> <p>CO3: Analyse the Indian school of philosophy and their educational implications.</p> <p>CO4: Examine the Western school of philosophy and their educational implications</p> <p>CO5: Discuss the educational contributions of Indian and Western thinkers.</p>
10	SEM-II	22230PC22	Curriculum Design and Development	<p>CO1: Recognize the historical, philosophical, sociological and psychological foundations of curriculum</p> <p>CO2: Summarize the principles of curriculum design</p>

				<p>and compare three approaches of curriculum design</p> <p>CO3:Execute the phases of curriculum development process and interpret the technical and non-technical models of curriculum</p> <p>CO4:Implement the curriculum models and types of teaching models</p> <p>CO5:Explain the approaches and models of curriculum evaluation</p>
11	SEM-II	22230TC23	Advanced Educational Research and Statistics	<p>CO1:Explaintheprocessofconductingresearch.</p> <p>CO2:Selectsuitableresearchdesignfortheirstudy.</p> <p>CO3:Understandthesignificance ofqualitativestudyinresearch</p> <p>CO4:Understandthesignificanceofmixedmethodofresearch</p> <p>CO5:Understandthestepsinactionresearch.</p> <p>CO6:Explainthevarious techniquesincollecting,analysingandinterpretingthequantitative,qualitativeand mixedmethod data.</p> <p>CO7:Applysuitablestatisticaltechniques to analysethequalitivedata.</p> <p>CO8:Interprettheanalyseddataofthe mixedmoderresearch</p> <p>CO9:Selectsuitableparametricornon-parametrictestsforthedatacollected</p> <p>CO10:Writearesearchreportontheirown</p>
12	SEM-II	22230TE24	Planning and Administration of Elementary & Secondary Education	<p>CO1:Explain the historical perspectives of elementary education.</p> <p>CO2:Listouttheeducationalroleandfunctionsofthecentral government,stategovernmentand localbodies.</p> <p>CO3:Understand theroleofcommunityin educationaladministration.</p> <p>CO4:Analysethedifficultiesinimplementing the RMSAand otherstatelevelinitiativesinuniversalizationofschooleducation.</p> <p>CO5:Understandtheroleofmonitoringbodiesinimplementationofgovernmentschemesforuniversalschooleducation.</p>
13	SEM-II	22230SC25A	Advanced Educational Technology	<p>CO1:UnderstandthemeaningofEducationalTechnology</p> <p>CO2:Attainknowledgeaboutbehaviouraltechnology</p> <p>CO3:Understandthefeatures,workinganduseoftheInternetandweb</p> <p>CO4:Appreciatetheuseofmultimediaandwebcontentforteachinglearning</p> <p>CO5:Attainknowledgeaboute-learning</p>

14	SEM-II	22230SC25B	Pre-service and In-service Teacher Education	<p>CO1: Explain the roles and responsibilities of teachers and teacher educators</p> <p>CO2: Familiarize evaluation in pre-service and in-service teacher education.</p> <p>CO3: Understand the historical background of secondary teacher education in India.</p> <p>CO4: Attain knowledge about issues, concerns and problems of teachers in service education</p> <p>CO5: Analyze the various methods and techniques for pre-service teacher education</p>
15	SEM-II	22230SC25C	Value Education	<p>CO1: Examine the various commission reports related to value education</p> <p>CO2: Understand the unity of religions</p> <p>CO3: Attain knowledge of the impact of values on democracy</p> <p>CO4: Organize family life, family responsibility and understand the values of sharing and caring</p> <p>CO5: Suitable methods and media for inculcation of values in the student's life are learnt.</p>
16	SEM-III	22230PC31	Sociology of Education	<p>CO1: Describe the scope and functions of Educational Sociology</p> <p>CO2: Interpret the social system and its impact on Education</p> <p>CO3: Examine the relationship between education and cultural change</p> <p>CO4: Analyze the impact of Liberalization, Privatization and Globalization on Education.</p> <p>CO5: Discriminate the concept of social equity and equality</p>
17	SEM-III	22230PC32	Advanced Techniques of Instruction	<p>CO1: Prepare content for mobile learning</p> <p>CO2: Use mobile learning in the classroom</p> <p>CO3: Use white board in the classroom instruction</p> <p>CO4: Implement online evaluation in their students</p> <p>CO5: Develop E-portfolios</p>
18	SEM-III	22230TC33	Educational Measurement and Evaluation	<p>CO1: Comprehend the concept, meaning and nature of measurement and evaluation</p> <p>CO2: Understand the relationship between measurement and evaluation.</p> <p>CO3: Acquire knowledge about various tools of measurement and evaluation in existence</p> <p>CO4: Develop skills on using psychological test for measurement and evaluation.</p> <p>CO5: Get hands on SPSS to learn various statistical</p>

				<p>measurement and its analysis.</p> <p>CO6:Enable to distinct various competencies in standardizing different types of measuring instrument.</p> <p>CO7:Familiarize to construct different kinds of tests and tools.</p> <p>CO8:Obtain knowledge on statistical concepts, test scores and its transformation.</p> <p>CO9:Assimilate the new trends in evaluation in terms of grading, semester, CCE and onlinetest.</p> <p>CO10: Prepare question banks and other self-study materials</p>
19	SEM-III	22230TE34	Curriculum, Pedagogy and Assessment at Elementary & Secondary Level	<p>CO1:Recognize the basic types of curricula and issues in curriculum alignment.</p> <p>CO2:SummarizethePerspectivesofEducational Pioneer on Curriculum and Pedagogy.</p> <p>CO3:Recognizethevariousapproaches of curriculum theory and practice</p> <p>CO4:Generalizethephilosophicalperspectivesof curriculum Orientation.</p> <p>CO5:Evaluate the merit and worth of various assessment techniques and evaluation models in the secondary level classroom context</p>
20	SEM-III	22230SC35A	Trends in Indian Higher Education	<p>CO1:Deliberate on the issues related to access and equity in Indian higher education.</p> <p>CO2:Analyse the impact of IR4.0 on higher education.</p> <p>CO3:Explain the different parameters determining the quality of Indian higher education.</p> <p>CO4:Describe the role of statutory and other bodies in Indian higher education.</p> <p>CO5:Suggest the means and methods of internationalizing Indian higher education</p>
21	SEM-III	22230SC35B	Education for differently abled learners	<p>CO1:Understand the educational implications for the students with differently abled</p> <p>CO2:Gain knowledge about inclusive pedagogy</p> <p>CO3:Acquire knowledge about various level of curriculum accommodate for students with special needs</p> <p>CO4:Gain knowledge of National Curriculum Framework and its role in inclusion</p> <p>CO5:Apply universal design of learning and use assistive technology for students with differently abled</p> <p>CO6:Explain the concept of specific teaching strategies to teach subjects at primary and secondary level</p> <p>CO7:Learn the concept of alternative methods of evaluation for students with special needs.</p>

				CO8: Apply and utilize the provisions and exemptions for educational evaluation of students with differently abled CO9: Plan to accommodate students with special needs in regular inclusive classroom CO10: Develop strategies and teaching practices for teachers to teach school subjects
22	SEM-III	22230SC35C	Educational Planning, Management and Financing of Education	CO1: Explain the need, scope and purpose of educational planning. CO2: Summarize the issues and challenges in educational management and administration in India. CO3: Acquire knowledge about the various sources of financing in India, CO4: Understand the issues related to planning and management of education. CO5: Critically analyze the policies of educational finance and its implications of efficiency of the system.
23	SEM-IV	22230PC41	Educational Studies	
24	SEM-IV	22230PC42	Comparative Education	CO1: Understand the need, scope and history of comparative education. CO2: Comprehend the primary and secondary education's aims and methods of instruction in U.S.A, U.K, Japan, Finland and India. CO3: Analyze the role of national and state government on education. CO4: Acquire knowledge about the universalization of primary education in India. CO5: Enable to distinguish between the primary and secondary education CO6: Sensitize the constitutional provisions for comparative education in terms of overseas. CO7: Analyze the emerging issues and challenges with respect to primary and secondary education in the global context. CO8: Explore the determinants of national education with its merits and demerits
25	SEM-IV	22230TC43	ICT on Teaching and Learning	CO1: Develop professional ability in ICT CO2: Apply the ICT skills in communications CO3: Describe the impact of ICT on learning environments CO4: Prepare the learners in learning CO5: Identify the various educational resources

				<p>CO6: Integrates ICT in teaching learning process</p> <p>CO7: Differentiate the advantages and disadvantages of ICT in assessment</p> <p>CO8: Administer the test and evaluation by using ICT</p> <p>CO9: Create online community by integrating ICT</p> <p>CO10: Use Artificial Intelligence in teaching-learning and assessment process</p>
26	SEM-IV	22230SC44A	Guidance and Counseling	<p>CO1: Understand the basics of guidance and would be able to plan out guidance programs.</p> <p>CO2: Describe the nature and procedural aspects of Educational and Vocational guidance</p> <p>CO3: Compare the role of counsellors and teacher.</p> <p>CO4: Suggest ways to organize the need based minimum guidance programmes in schools.</p> <p>CO5: Demonstrate the skills and competencies in carry out individual, group and career appraisal.</p> <p>CO6: Spell out the strength and weakness of non-standard and standard techniques of guidance.</p> <p>CO7: Comprehend the nature of counselling along with the skills and responsibilities of a counsellor.</p> <p>CO8: Suggest ways to organize counselling sessions.</p> <p>CO9: Analyze the cause-and-effect relationship and possible corrective measures.</p> <p>CO10: Describe the nature of disabilities of the children</p>
27	SEM-IV	22230SC44B	Special Education	<p>CO1: Understand the educational implications for the student teachers with differently abled</p> <p>CO2: Apply universal design of learning and use assistive technology for students with differently abled</p> <p>CO3: Explain the concept of specific teaching strategies to teach mentally retarded children</p> <p>CO4: Learn the concept of gifted and creative child</p> <p>CO5: Develop strategies and teaching practices for learning disabled children</p>
28	SEM-IV	22230SC44C	Inferential Statistics	<p>CO1: Understand the analysis of variance and co-variance</p> <p>CO2: Frame the special methods of correlation</p> <p>CO3: Find relevant sampling techniques in his/her research work</p> <p>CO4: Develop various research instruments and standardize by appropriate methods</p> <p>CO5: Appropriate the role of parametric and non-parametric statistics in various types of educational research</p>

29	SEM-IV	22230PEE	Program Exit Examination	<p>CO1: Understand the dimensions of human growth and development</p> <p>CO2: Describe the impact of ICT on learning environments</p> <p>CO3: Explore the commissions and committees' recommendations of secondary teacher education.</p> <p>CO4: Familiarize to construct different kinds of tests and tools.</p> <p>CO5: Describe the nature and procedural aspects of Educational and Vocational guidance</p>
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