



STELLA MATUTINA COLLEGE OF EDUCATION (AUTONOMOUS)

Re-Accredited (3rd Cycle) by NAAC at 'A' Grade with CGPA: 3.48

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COURSE OUTCOMES FOR B.ED. PROGRAMME Semester-I

EDUCATION IN CONTEMPORARY INDIA

- CO1** To understand and recall the concept of Education and Educational Philosophy and discuss Development of Indian Education
 - CO2** To explain and apply the different values enshrined in the constitution of India and develop life skills through education and Philosophy
 - CO3** To analyze the historical development in policy framework and articles related to education in India
 - CO4** To examine the issues in diverse Indian society and equity, equality of Education and generalize the impact of Liberalization, Privatization and Globalization on Education.
 - CO5** To elaborate the emerging trends in Education and discuss the Policy Initiatives by Central and State Government
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CHILDHOOD AND GROWING UP

- CO1** To become aware of the diversified needs of the students.
 - CO2** To apply the knowledge on various methods and theories of growth and Development
 - CO3** To analyse and implement various components involved in growth and development
 - CO4** To assess the influence of heredity and environment in child development.
 - CO5** To plan various methods for creating holistic development.
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PEDAGOGY OF BIOLOGICAL SCIENCE PAPER I

- CO1** To understand and recall the significant concepts in Biological Science, nature and scope of science, approaches, methods, strategies, techniques and individualized instructional method used in teaching and learning Biological Science.
- CO2** To integrate and assess the importance of Environmental science, taxonomy of educational objectives, Approaches and strategies in teaching and learning Biological Science.

- CO3** To analyse and differentiate the aims and objectives, approaches, strategies, methods and techniques of teaching Biological Science.
- CO4** To explain the characteristics of animal kingdom, Bloom's taxonomy of instructional objectives and approaches of Individualised Instruction.
- CO5** To apply and assess the significant concepts in Biological Science, general and specific instructional objectives, the role of teacher in using the approaches, strategies, methods, techniques and individualized instruction in the classroom.
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PEDAGOGY OF COMMERCE AND ACCOUNTANCY PAPER I

- CO1** To refresh and acquire knowledge about commerce and accountancy and pedagogical concepts
- CO2** To apply appropriate action verbs, approaches and strategies of teachings of particular topics in commerce and accountancy
- CO3** To analyse different pedagogical concepts in teaching commerce and accountancy
- CO4** To coordinate different methods and techniques in teaching commerce and accountancy
- CO5** To develop the ability to create and implement the pedagogical concepts in teaching commerce and accountancy
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PEDAGOGY OF COMPUTER SCIENCE PAPER I

- CO1** To understand nature of Computer Science and recall the content and various pedagogical strategies and methods that can be used for teaching Computer Science in schools.
- CO2** To apply the approaches adopted in teaching the concepts in Computer Science to different categories and different levels of students in groups and also in individualised manner.
- CO3** To analyse and differentiate the steps in implementing different methodology to various concepts of teaching Computer Science.
- CO4** To assess the effectiveness of each and every method and the self-learning modules prepared for instruction to teach Computer Science.
- CO5** To adopt innovative methods of teaching the concepts in Computer Science.
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PEDAGOGY OF ECONOMICS PAPER I

- CO1** To refresh and acquire knowledge about Economics and pedagogical concepts
 - CO2** To apply appropriate action verbs, approaches and strategies of teachings of particular topics in Economics
 - CO3** To analyse different pedagogical concepts in Economics
 - CO4** To coordinate different methods and techniques in teaching Economics
 - CO5** To develop the ability to create and implement the pedagogical concepts in teaching Economics
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PEDAGOGY OF ENGLISH PAPER I

- CO1** To acquire information and comprehend the status of English in India.
 - CO2** To apply in real class room the values, aims and objectives of learning English.
 - CO3** To analyse the speech organs and the phonetic sound system.
 - CO4** To evaluate various approaches, methods and strategies of teaching and learning English.
 - CO5** To employ the language skills effectively in oral and written communication.
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PEDAGOGY OF GEOGRAPHY PAPER I

- CO1** To familiarize and describe the content knowledge of Geography and recalls the basic knowledge using pedagogical skills.
- CO2** To illustrate the aims, objectives, and methodology of teaching Geography.
- CO3** To outline the aims, objectives, and methodology of teaching Geography.
- CO4** To assess the various strategies and approaches of teaching Geography.
- CO5** To construct skills in framing instructional objectives and programmed instructional materials.

PEDAGOGY OF HISTORY PAPER I

- CO1** To recognize and explain the content knowledge of History and learns the basic knowledge about pedagogical skills.
- CO2** To discuss the aims, objectives, and methodology of teaching History
- CO3** To analyze the aims, objectives, and methodology of teaching History.
- CO4** To appraise the various strategies and approaches of teaching History in the History content.

CO5 To develop skills in framing instructional objectives and programmed instructional materials.

PEDAGOGY OF MATHEMATICS PAPER I

CO1 To appreciate the individual differences, Historical Perspective of Mathematics, Taxonomy of Objectives, strategies and methods of teaching Mathematics

CO2 To apply the aims and objectives of teaching Mathematics in the school content

CO3 To analyse the individual differences, methods and approaches in teaching and learning Mathematics

CO4 To identify the new inventions in the field of Mathematics

CO5 To develop competencies in categorising the various approaches and methods relating to the content with regard to individual differences

PEDAGOGY OF PHYSICAL SCIENCE PAPER I

CO1 To understand nature of Science and recall the content and various pedagogical strategies and methods that can be used for teaching Physical Science in schools.

CO2 To apply the approaches adopted in teaching the concepts to different categories and different levels of students in groups and also in individualised manner.

CO3 To analyse and differentiate the steps in implementing different methodology to various concepts.

CO4 To assess the effectiveness of each and every method and the self learning modules prepared for instruction.

CO5 To adopt innovative methods of teaching the concepts.

தமிழ் கற்பித்தல் தாள் I

CO1 செவ்வியல் இலக்கியங்களை நினைவு கூர்தல், தாய்மொழியின் சிறப்பை உணர்தல், அடிப்படைமொழித் திறன்களைப் பற்றி புரிந்து கொள்ளல் கலைத்திட்டம் என்பதை வரையறுத்தல் பயிற்றுமுறைகளைப் பட்டியலிடுதல், பயிற்றலின் அடிப்படை விதிகளைப் புரிந்து கொள்ளல்

CO2 தமிழ் கற்பித்தலின் நோக்கங்களை விவரித்தல், அடிப்படைமொழித் திறன்களை வளர்த்தல், நல்லாசிரியரின் இயல்புகளைச் சான்றுடன் எடுத்துரைத்தல்

CO3 தமிழ் பயிற்றும் முறைகளையும் உத்திகளையும் பகுத்தறிதல்.

CO4 இலக்கியங்களின் தனிச்சிறப்புகளை எடுத்துக்கூறல், பயிற்று முறைகளின்

நிறை,குறைகளை திறனாய்தல்.

CO5 செவ்வியல் இலக்கியங்களின் சிறப்பைப் போற்றுதல். வாழ்வியல் திறன்களை மேம்படுத்திக் கொள்ளல், மொழித்திறம் மிக்கவர்களாதல், வகுப்பறையில் கற்பித்தலுக்கு புதிய முறைகளையும் உத்திகளையும் திட்டமிடல், மொழியாசிரியருக்குரிய பண்புநலன்களை உணர்ந்து தற்கால தேவைகளுக்கேற்ப புதுப்பித்துக் கொள்ளுதல்.

ART INTEGRATED LEARNING

- CO1** To acquire and understand basics of different art forms
 - CO2** To practice visual and performing art forms
 - CO3** To experiment with different art forms in the subject discipline
 - CO4** To choose different art form in teaching learning process
 - CO5** To develop lesson plan and create portfolio for evaluation of different art form in teaching learning process
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YOGA FOR WELLBEING

- CO1** To understand the meaning of yoga and pranayama, Importance, Objectives of Yogic Practices and knowledge of common diseases
 - CO2** To familiarize and comprehend the History of yoga, General Guidelines for Yogic Practices, Techniques of pranayama
 - CO3** To explain and integrate the Common Yogic Practices, Types of Pranayama and Laughter yoga
 - CO4** To analyze the Difference between Asanas and Exercise, common diseases their prevention and management by Yoga, Eight limbs of yoga.
 - CO5** To develop the Corrective measures Asanas and its effects and Relaxation Techniques for stress management
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பயன்பாட்டுத் தமிழ்

- CO1** முதலெழுத்துக்களை நினைவு கூர்தல், வலி மிகும், மிகா இடங்களைப் பட்டியலிடுதல், நிறுத்தற்குறிகளின் பயனை அறிதல்.
- CO2** பேசுதல், எழுதுதல் திறனை மேம்படுத்திக் கொள்ளல், ஒற்றுப் பிகையின்றி எழுதுதல், தக்க இடங்களில் பயன்படுத்துதல், படிவங்களை நிரப்புதல், தமிழ்

செயலிகளைக் கற்பித்தலுக்குப் பயன்படுத்திக் கொள்ளல்

- CO3 எழுத்துக்கள் பிறக்கும் முகறைகளைச் செய்துப் பார்த்து உணர்தல்
- CO4 உரை வைங்குவதற்கு முன் தயாரிப்புகளை வகுத்தும் பகுத்தும் கொள்ளல்
- CO5 தமிழின் தனித்தன்மையைப் போற்றுதல், பல்வேறு உரைகளைத் தயாரித்தல், கடிதம் எழுதுதல், வகைப்பதிவுகளில் எழுதுதல்
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ENGLISH PROFICIENCY SKILLS

- CO1 To develop oral and written communication proficiency in English.
- CO2 To acquire competency over correct spellings, pronunciation and diction and apply the same during communication.
- CO3 To apply and evaluate meaningful and relevant convention formulae of interview skills.
- CO4 To initiate question and conversation skills to the relevant context.
- CO5 To analyse and create structural aspects of language accordingly.
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Semester-II

KNOWLEDGE AND CURRICULUM

- CO1 To recall, describe and investigate the concept of education, knowledge and curriculum according to different philosophers.
- CO2 To select and organize the knowledge categories in school education and develop he curriculum and syllabus.
- CO3 To identify and analyse the needs and aspirations of the society and formulate National Priorities in International Context.
- CO4 To relate and integrate the different types and models of curriculum development.
- CO5 To assess and critically appraise the agencies of curriculum development in India.
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LEARNING AND TEACHING

- CO1** To understand and recall the meaning characteristics and theories of teaching learning, attention, memory, forgetting and intelligence.
 - CO2** To comprehend and integrate the classification and strategies to improve the memory, thinking, imagination, motivation and intelligence test.
 - CO3** To analyse and differentiate the Techniques of Motivation in Classroom Situation
 - CO4** To explain the Need for Professional Ethics and Achievement Motivation.
 - CO5** To apply and assess the roles of teacher in Professional Competencies for Class room Management.
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ASSESSMENT FOR LEARNING

- CO1** To understand and recall the basics of evaluation and statistical applications.
 - CO2** To integrate the measures of central tendency & relationship with assessment process.
 - CO3** To analyze and differentiate the use of various evaluation methods in education
 - CO4** To explain the role of assessment in teaching learning process.
 - CO5** To apply and access the assessment and statistical techniques of evaluation and item analysis.
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PEDAGOGY OF BIOLOGICAL SCIENCE PAPER II

- CO1** To understand and recall the significant concepts in Biological Science, characteristics features of microteaching, lesson plan, unit plan, the importance of Biology laboratory and learning resources in classroom.
 - CO2** To develop and use yearly plan, unit plan, various approaches to lesson plan and e-content for teaching and learning Biological Science.
 - CO3** To analyse the transpiration in plants, major steps in microteaching, mini-lesson and Edgar Dale's Cone of Learning Experiences of teaching Biological Science.
 - CO4** To design and construct concept maps on evolution of life, skills related to Classroom Observation, diagnostic and achievement tests in biological science and Design of Laboratory, Organisation of Laboratory Work
 - CO5** To explain the concept and justify teaching skills, achievement test, science Text Book, e-resources and Biology Laboratory as the best resource in teaching Biological Science.
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PEDAGOGY OF COMMERCE AND ACCOUNTANCY PAPER II

- CO1** To recall and understand about commerce and accountancy and pedagogical concepts
 - CO2** To practice the application of core teaching skills in teaching of commerce and accountancy
 - CO3** To prepare micro lesson plan. Unit plan, lesson plan and use audio-visual teaching aids for effective teaching of Commerce and accountancy
 - CO4** To interpret current affairs and international understanding and choose different e-resource in teaching commerce and accountancy
 - CO5** To develop the ability to create e-content and implement the pedagogical concepts in teaching commerce and accountancy
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PEDAGOGY OF COMPUTER SCIENCE PAPER II

- CO1** To acquaint with the concepts in school and to understand the basics of teaching skills, way of planning the lessons, teaching learning resources and organising the laboratory work for teaching Computer Science.
 - CO2** To prepare the action plan for microteaching, macro-teaching, test construction, learning resources and lab manuals for Computer Science.
 - CO3** To analyse and differentiate the teaching skills, writing of plans, question types, tools for effective teaching and the registers in the Computer lab.
 - CO4** To check the effectiveness of the usage of components in skill development, format of writing the plan of action, preparation of improvised apparatus and e-content and the kits used in teaching Computer Science.
 - CO5** To design improvised methods in skill usage, planning for instruction, preparation of aids and laboratory work for Computer Science.
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PEDAGOGY OF ECONOMICS PAPER II

- CO1** To recall and understand about commerce and accountancy and pedagogical concepts
- CO2** To practice the application of core teaching skills in teaching of Economics

- CO3** To prepare micro lesson plan, unit plan, lesson plan and use audio-visual teaching aids for effective teaching of Economics
- CO4** To interpret current affairs and international understanding and choose different e-resource in teaching Economics
- CO5** To develop the ability to create e-content and implement the pedagogical concepts in teaching commerce and accountancy
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PEDAGOGY OF ENGLISH PAPER II

- CO1** To acquire language skills, teaching competency and the assessment process
- CO2** To apply the knowledge of teaching learning, plan and draft effectively the Micro skills' episodes, GIOs, SIOs and draft
- CO3** To analyse appropriately and creatively the teaching learning materials and e-tools to enhance learning efficacy.
- CO4** To evaluate the structural aspects of the language and exhibit relevantly to the contexts.
- CO5** To meaningfully use the language skills and content of English language in the classroom and in a new situation.
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PEDAGOGY OF GEOGRAPHY PAPER II

- CO1** To imbibe and demonstrate the content knowledge of Geography and learns the teaching skills and planning for instruction.
- CO2** To apply the teaching skills, planning the lesson and learning resources in teaching Geography.
- CO3** To analyze the various learning resources in Geography teaching and the recent trends in Geography education.
- CO4** To examine the teaching skills, learning resources, planning the lesson and the recent trends in Geography education.
- CO5** To integrate the pedagogical skills in Geography teaching and enhance the modern trends in Geography education.
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PEDAGOGY OF HISTORY PAPER II

- CO1** To acquire and describe the content knowledge of History and learns the teaching skills and planning for instruction.
 - CO2** To utilize the teaching skills, planning the lesson and learning resources in teaching History.
 - CO3** To inference the various learning resources in History teaching and the recent trends in History education.
 - CO4** To determine the teaching skills, learning resources, planning the lesson and the recent trends in History education.
 - CO5** To integrate the pedagogical skills in History teaching and enhance the modern trends in History education.
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PEDAGOGY OF MATHEMATICS PAPER II

- CO1** To appreciate the skills, different approaches of planning lessons and aesthetic value in teaching and learning Mathematics
 - CO2** To apply the knowledge and understanding of learning Mathematics problem solving.
 - CO3** To analyse the differences among various Micro Teaching Skills, GIOs, SIOs and learning resources in teaching and learning Mathematics
 - CO4** To incorporate the procedure of diagnostic and achievement tests during internship
 - CO5** To develop competencies in identifying the various learning resources relating to Mathematics learning and teaching
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PEDAGOGY OF PHYSICAL SCIENCE PAPER II

- CO1** To acquaint with the concepts in Science and to understand the basics of teaching skills, planning the lessons and teaching learning resources.
 - CO2** To prepare the action plan for microteaching, macro-teaching, test construction, learning resources and lab manuals.
 - CO3** To analyse and differentiate the skills, writing of plans, and tools for effective teaching.
 - CO4** To check the effectiveness of all the planning procedures.
 - CO5** To design and develop plans for instruction.
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தமிழ் கற்பித்தல் தாள் II

- CO1 நுண்நிலைக் கற்பித்தல் வரையறுத்தல் உற்றுநோக்கல் , பென்ஐமின்புளும் குறித்து அறிதல், பள்ளிப் பாடப்பகுதிகளைப் பழக்கப்படுத்தி கொள்ளல், துணைக்கருவிகளின் தேவையை விவரித்தல், ஏடகர் டேலின் அனுபவக்கூம்பைப் புரிந்து கொள்ளல் நூலக விதிமுறைகளைப் பின்பற்றுதல்.
- CO2 செய்யுள், உரைநடை, இலக்கணம், துணைப்பாடம் ,கட்டுரை, கடிதம் கற்பித்தலின் நோக்கங்களையும் முறைகளையும் விளக்குதல் மொழிப்பயிற்றாய்வுக் கூடத்தில் பயிற்சி பெறல். வலைத்தளங்களையும் செயலிகளையும் பயன்படுத்தல்
- CO3 நுண்நிலைக் கற்பித்தல் சுழற்சியை வரைந்து விளக்குதல், கல்விசார் நோக்கங்களை வகைப்படுத்தல் ஐவகைப் பாடங்களின் வாயிலாக மொழித்திறன்களையும் வாழ்வியல் திறன்களையும் இணைத்துக் கற்பித்தல், பாடப்பகுதிக்குரிய துணைக்கருவிகளைத் தேர்ந்தெடுத்துத் தக்க இடங்களில் பயன்படுத்தல் பெஞ்சமின் ப்ளூமினது கல்விசார் நோக்கங்களின் வகைப்பாட்டை ஆன்டர்சனோடு வேறுபடுத்திக்காட்டல் , அடைவுத்தேர்வை நடத்துதல், செயலிகள், வலைத்தளங்களைப் பகுத்தாய்தல்
- CO4 தமிழ்ப்பாடநூல் குறித்தும் வலைதளம் குறித்தும் திறனாய்தல்,விதிவருமுறையை , விதிவிளக்குமுறையோடு வேறுபடுத்தியும் ஒப்பிட்டும் காணல்
- CO5 நுண்நிலைக் கற்பித்தல் பாட நீகழ்வு எழுதுதல் பள்ளித் தமிழ்ப் பாடநூலில் உள்ள ஐவகைப் பாடங்களுக்கும் பாடம் கற்பிப்புத்திட்டம் தயாரித்தல், துணைக்கருவிகளை உருவாக்கல் கடிதம் கட்டுரை எழுதுதல் நூலகம் செல்லும் பழக்கம் மேம்படல்
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DIGITAL PEDAGOGY

- CO1** To learn and infer the basic knowledge about computer, Microsoft office and ICT in education.
 - CO2** To apply the knowledge on computer, Microsoft office, ICT for education, pedagogical innovations and assessment in their classroom teaching.
 - CO3** To demonstrate the knowledge on computer, Microsoft office, ICT for education, pedagogical innovations and assessment in their classroom teaching.
 - CO4** To explore the knowledge on computer, Microsoft office, ICT for education, pedagogical innovations and assessment in their classroom teaching.
 - CO5** To develop the ICT enabled pedagogical innovations in their classroom teaching.
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GUIDANCE AND COUNSELLING SKILLS

- CO1** To familiarize and understand concepts of guidance and counselling.
 - CO2** To apply various skills of guidance and counselling.
 - CO3** To explain and analyse the existing problems effectively in teaching-learning process.
 - CO4** To compare various approaches and theories and apply the same appropriately.
 - CO5** To plan and develop appropriate remedial measures in guidance and counselling process.
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Semester- IV

GENDER, SCHOOL AND SOCIETY

- CO1** To understand and recall the meaning of gender, concept and role of gender in society.
 - CO2** To apply or address the equality forum in the society.
 - CO3** To analyse and differentiate the concept and ideologies of gender in school and society
 - CO4** To explain the Need of gender equality and role of teacher in teaching it
 - CO5** To apply and assess gender equality and educated the students about gender.
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CREATING AN INCLUSIVE SCHOOL

- CO1** Define and describe the concept of inclusive education and Policies, schemes, facilities available for children with diversity.
 - CO2** Demonstrate and utilize assistive technology and classroom intervention strategies for promoting inclusive practise.
 - CO3** Differentiate and Analyse the concepts of special, integrated and inclusive education and children with diverse needs.
 - CO4** Appreciate the role of teachers in giving guidance, counselling, maintain records, networking and liaising
 - CO5** Integrate and create appropriate assessment and evaluation in inclusive classroom
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PEDAGOGY OF BIOLOGICAL SCIENCE PAPER III

- CO1** To define and classify the types of Co-curricular Activities, Classroom Communication, Teaching Profession and Academic Disciplines.
 - CO2** To identify the principles underlying organization and administration of cocurricular activities, Communication Skills required for Teachers, Special Qualities of a Science Teacher and Methods for Curricular Transaction.
 - CO3** To analyse the Criteria for Evaluating Exhibits, Classroom Interaction Analysis, Importance of Professional Development, Reading Strategies and K4 Emerging Trends in Academic Disciplines.
 - CO4** To explain the types of classroom climate and relationship and difference between school subjects and academic discipline.
 - CO5** To enable student teachers to conduct and organise curricular and co-curricular activities.
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PEDAGOGY OF COMMERCE AND ACCOUNTANCY PAPER III

- CO1** To acquire knowledge about classroom communication, management, professional competencies, co-curricular, language diversity and academic discipline in teaching commerce and accountancy
- CO2** To appreciate the language diversity, various academic disciplines that exists in the classroom

- CO3** To organize co-curricular activities for effective teaching and learning of commerce and accountancy subjects
- CO4** To appraise on classroom communication, management skills, qualities of a teacher for teaching commerce and accountancy.
- CO5** To develop and build skills in professional competencies needed for the commerce and accountancy teacher.
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PEDAGOGY OF COMPUTER SCIENCE PAPER 1II

- CO1** To gain acquaintance with the concept of classroom management, professional development, co-curricular activities, language used in classroom and school subjects and disciplines.
- CO2** To conduct various co-curricular activities in schools to teach Computer Science effectively in classrooms.
- CO3** To analyse the procedure of organising co-curricular activities, interaction pattern in teaching process and in the professional development programmes in Computer Science.
- CO4** To assess the values inculcated through time management, professional ethics, co-curricular activities, various text forms used and the inculcation of practical, community and intuitive knowledge through school subjects in Computer Science.
- CO5** To create new activities that use students' potential, ways to manage classroom effectively, writing new texts to improve understanding of Computer Science.
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PEDAGOGY OF ECONOMICS PAPER III

- CO1** To acquire knowledge about classroom communication, management, professional competencies, co-curricular, language diversity and academic discipline in teaching Economics
- CO2** To appreciate the language diversity, various academic disciplines that exists in the classroom
- CO3** To organize co-curricular activities for effective teaching and learning of Economics subjects

- CO4** To appraise on classroom communication, management skills, qualities of a teacher for teaching Economics.
 - CO5** To develop and build skills in professional competencies needed for the Economics teacher.
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PEDAGOGY OF ENGLISH PAPER III

- CO1** To attain fluency of English speech
 - CO2** To apply the language skills appropriately.
 - CO3** To analyse the professional Competencies of English Teacher.
 - CO4** To evaluate English for specific purpose
 - CO5** To apply the language skills for specific purpose both in oral and written communication
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PEDAGOGY OF GEOGRAPHY PAPER III

- CO1** To define and explain about classroom communication, professionalism and co-curricular activities.
 - CO2** To apply various classroom communication skills and co-curricular activities in their classroom teaching.
 - CO3** To analyze professionalism, Linguistics and academic discipline in their classroom teaching.
 - CO4** To justify and prescribe the classroom communication, professionalism and co-curricular activities in their classroom teaching.
 - CO5** To develop the classroom communication skills, professionalism, Linguistics, academic disciplines and co-curricular activities in their classroom teaching.
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PEDAGOGY OF HISTORY PAPER III

- CO1** To state and extend knowledge on classroom communication, professionalism and co-curricular activities.
- CO2** To adopt various classroom communication skills and co-curricular activities in their classroom teaching.
- CO3** To explore professionalism, Linguistics and academic discipline in their classroom

teaching.

CO4 To assess the classroom communication, professionalism, academic discipline and co-curricular activities in their classroom teaching.

CO5 To cultivate the classroom communication skills, professionalism, Linguistics, academic disciplines and co-curricular activities in their classroom teaching.

PEDAGOGY OF MATHEMATICS PAPER III

CO1 To understand the foundations of Classroom Communication, research areas in Mathematics education and the role of language in Mathematics curriculum and difference between an academic discipline and school subject

CO2 To imbibe the spirit of a researcher and the attributes of a Mathematics teacher with adequate knowledge in co-curricular activities.

CO3 To analyse the different research areas in connection with learning Mathematics and the emerging trends in academic discipline

CO4 To identify the importance of language in the teaching- learning process

CO5 To explore new areas of research in Mathematics education

PEDAGOGY OF PHYSICAL SCIENCE PAPER III

CO1 To gain acquaintance with the aspects of co-curricular activities and effective classroom management.

CO2 To conduct various co-curricular activities in schools and use language effectively in classrooms.

CO3 To analyse the procedure of organising co-curricular activities and professional development programmes.

CO4 To assess the values inculcated through time management, professional ethics, co-curricular activities.

CO5 To create new activities that use students' potential to manage classroom effectively and write new texts to improve understanding.

தமிழ் கற்பித்தல் தாள் III

- CO1 மொழி தோற்றக் கொள்கைகளை நினைவுகூர்தல் படிப்புத்துறை பாடப்பொருள் இவற்றை வரையறுத்தலும் தொடர்புபடுத்தலும், தகவல் தொடர்பின் வகைகளைப் பட்டியலிடுதல் படிப்புத்துறையின் போக்குகளை வெவரித்தல், தமிழ்த்துறை தொடர்பான தொழில் வாய்ப்புகள் குறித்த அறிவைப் பெறல்
- CO2 தமிழர் மரபுகளை அடுத்த தலைமுறைக்குப் பரிமாற்றம் செய்தல் கிளைமொழிச் சொற்களைத் சேகரித்தல் எழுதுதலில் பல்வேறு உரைவரைவுகளைப் பயன்படுத்தல்
- CO3 பேச்சுமொழியையும் எழுத்துமொழியையும் ஒப்பிடல் இணைச்செயல்பாடுகளை நடத்துதலில் ஏற்படும் சிக்கல்களுக்குத் தீர்வு காணல் வகுப்பறை கருதளவுதலைப் பகுத்தாய்தல் பெட்சர்-பிக்லர் கருத்தின்படி படிப்புத்துறையை வகைப்படுத்தல்
- CO4 வகுப்பறை கருத்தலவுதலை மதிப்பிடுதல் வகுப்பறை நடத்தை பிரச்சனை முடிவு காணல் பள்ளிமொழிக்கும் வீட்டுமொழிக்கும் இடையேயான வேறுபாடுகளைக் காணல்
- CO5 தமிழ் மொழியின் தனித் தன்மைகளைப் போற்றுதல் கலைத்திட்ட இணைச்செயல்பாடுகளை ஒருங்கமைத்து நடத்தல் வகுப்பறையை திறம்பட நிர்வகித்தல். உயர்நிலைத் திறன்களை மேம்படுத்திக் கொள்ளல் தமிழ்த்துறையையும் பிற துறையையும் ஒருங்கிணைத்தல்

ENVIRONMENTAL EDUCATION

- CO1 To recall, describe and investigate the concept and relationship between components of ecosystem.
- CO2 To understand the need and significance of Environmental Education and develop the curriculum and syllabus for imparting EE in Schools.
- CO3 To identify and analyses the interactions of human beings with the environment
- CO4 To integrate Laws of Conservation and Protection of environment in India and

other places across the globe and relate the impact of climate change.

CO5 To involve in activities that contributes towards environmental conservation.

HEALTH AND PHYSICAL EDUCATION

CO1 To understand the concept of health education, body systems, balance diet, aims and objectives of health education, food and nutrition, safety measures and yoga.

CO2 To familiarize and integrate the dimensions and determinants of health, health education programme, classification of food, first aid, physical fitness test battery and disasters in the play field.

CO3 To compare and analyze the health needs of children, causes of malnutrition, functions of food, common injuries, eight limbs of yoga and importance of natural food.

CO4 To deduct and conclude the benefits of food habit, role of teachers in developing health, postural defects, physical fitness variables, prevention and treatment from accidents and animal attack, yoga asanas for health.

CO5 To apply and assess the effects of exercise on various systems of body, pranayamas, physical, psychological and therapeutic benefits of yoga and Exercises for Improving Postural Defects.

HUMAN RIGHTS EDUCATION

CO1 To understand and recall the concept, meaning, theories, methods and issues of human rights education in the national and international context.

CO2 To apply and assess the role of different Fundamental Duties, rights and methods of teaching human rights.

CO3 To analyse the need for human rights in the international context, appraise the role and functions of the National and International level institutions to enforce human rights.

CO4 To critically examine the role of human rights commissions and international mechanisms in the national and international context and issues related to human rights.

CO5 To develop insight regarding the theories and various issues related to human rights violations.

PEACE EDUCATION

- CO1** To acquaint and explain the concept of peace education, conflict resolution skills, and the contributions of famous peace crusaders in mass media.
 - CO2** To demonstrate and apply critical thinking skills to build resilient communities, effective parenting, and media exposure to violence.
 - CO3** To compare and analyze the role of various personalities and world organization in promoting peace.
 - CO4** To integrate and assess school-based peace education approaches and process of peace building.
 - CO5** To develop and implement great thinkers' beliefs and ideas that promotes inner peace and life skills.
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PRE - PRIMARY EDUCATION

- CO1** To understand and recall the current trends, recommendations, teaching methods-curricular activities, physical structure and facilities of classrooms and special qualities of teachers of Pre-primary education in India.
 - CO2** To identify the Deficiency – Diseases among pre-school children and types of records maintained in pre-school education.
 - CO3** To analyse the safety precautions, Individual, group and Parents K4 involvement activities followed in a pre-school.
 - CO4** To explain the pre-primary educational problems and adjustment problems of pre-school children.
 - CO5** To develop and improve the Integrated Child services, self-help skills, Remedies and Preventive measure to overcome adjustment behavior Problems of pre-school children
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WOMEN'S EDUCATION

- CO1** To comprehend the importance of women's Education and rights and develop women's education and empowerment.
- CO2** To state and discuss schemes, policies, the commissions and Act related to women in India.

- CO3** To analyse and appraise the status of women in India.
 - CO4** To recognize women in society, the organised and unorganised sectors and solve the problems of women.
 - CO5** To evaluate and create the critical thinking about the contribution of women in national development (Economic & Environment)
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READING AND REFLECTING ON TEXT

- CO1** To prioritize and develop an interest in reading various materials.
 - CO2** To identify and analyse the process of active reading techniques.
 - CO3** To relate, integrate and develop the study and skills and reference skills.
 - CO4** To enhance proficiency in constructive reading and responding to written texts.
 - CO5** To select and critically examine the reading material and reflect on the ideas expressed in it.
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LIFE SKILLS IN EDUCATION

- CO1** To understand the various skills namely self-management, empathy, emotional intelligence, communication, inter-personal relationships and professionalism.
 - CO2** To appreciate the process of goal setting, importance of emotional quotient and LSRW skills
 - CO3** To analyse the inter-personal relationships, communication skills, professional growth, self-management and empathy in their everyday life.
 - CO4** To identify the hurdles for goal setting, communication, inter-personal relationship and career growth
 - CO5** To mould the inner potential and accept for a change
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