

**SRI RAMAKRISHNA MISSION VIDYALAYA
COLLEGE OF EDUCATION
(AUTONOMOUS)
Coimbatore - 641 020**



**PROGRAMME OUTCOMES AND
PROGRAMME SPECIFIC OUTCOMES OF
B.ED., PROGRAMME**

B.Ed SYLLABUS SEMESTER I

Group A : Perspectives in Education	
B1 CC 01	Educational Philosophy in Indian Context
B1 CC 02	Learner and Learning -I
B1 CC 03	School Organization and Institutional Planning
B1 CC 04	Evaluation, Elements of Statistics and Research
Group B : Curriculum and Pedagogical Studies	
Optional 1	
B1 P1 11	Pedagogy of English - Paper I
B1 P1 21	Pedagogy of Computer Science - Paper I
B1 P1 31	Principles of Commerce and Accountancy Education - Paper I
Optional 2	
B1 P2 11	Pedagogy of Biological Science - Paper I
B1 P2 21	Pedagogy of Commerce and Accountancy - Paper I
B1 P2 31	Pedagogy of Special English - Paper I
B1 P2 41	Pedagogy of History - Paper I
B1 P2 51	Pedagogy of Mathematics - Paper I
B1 P2 61	Pedagogy of Physical Science - Paper I
Group C : Enhancing Professional Capacities (EPC)	
B1 EPC 1	Utilizing Library and Digital Learning Resources

SEMESTER II

Group A : Perspectives in Education	
B2 CC 05	Emerging Challenges in Indian Education
B2 CC 06	Learner and Learning -II
B2 CC 07	Educational Technology
B2 CC 08	Peace Education
Group B : Curriculum and Pedagogical Studies	
Optional 1	
B2 P1 12	Pedagogy of English - Paper II
B2 P1 22	Pedagogy of Computer Science - Paper II
B2 P1 32	Principles of Commerce and Accountancy Education - Paper II

Optional 2	
B2 P2 12	Pedagogy of Biological Science - Paper II
B2 P2 22	Pedagogy of Commerce and Accountancy - Paper II
B2 P2 32	Pedagogy of Special English - Paper II
B2 P2 42	Pedagogy of History - Paper II
B2 P2 52	Pedagogy of Mathematics - Paper II
B2 P2 62	Pedagogy of Physical Science - Paper II
Group C : Enhancing Professional Capacities (EPC)	
B2 EPC 2	Drama and art in Education
B2 EPC 3	Health, Physical Education and Yoga

SEMESTER III

Group B : Curriculum and Pedagogical Studies	
Optional 1	
B3 P1 13	Pedagogy of English - Paper III
B3 P1 23	Pedagogy of Computer Science - Paper III
B3 P1 33	Principles of Commerce and Accountancy Education - Paper III
Optional 2	
B3 P2 13	Pedagogy of Biological Science - Paper III
B3 P2 23	Pedagogy of Commerce and Accountancy - Paper III
B3 P2 33	Pedagogy of Special English - Paper III
B3 P2 43	Pedagogy of History - Paper III
B3 P2 53	Pedagogy of Mathematics - Paper III
B3 P2 63	Pedagogy of Physical Science - Paper III

SEMESTER IV

Group A : Perspectives in Education	
B4 CC 09	Curriculum Development and Instruction
B4 CC 10	Educational Management
B4 CC 11	Development of Moral and Social Values
Group B : Curriculum and Pedagogical Studies	
Optional 1	
B4 P1 14	Pedagogy of English
B4 P1 24	Pedagogy of Computer Science
B4 P1 34	Principles of Commerce and Accountancy Education

Optional 2	
B4 P2 14	Pedagogy of Biological Science
B4 P2 24	Pedagogy of Commerce and Accountancy
B4 P2 34	Pedagogy of Special English
B4 P2 44	Pedagogy of History
B4 P2 54	Pedagogy of Mathematics
B4 P2 64	Pedagogy of Physical Science
Group C : Enhancing Professional Capacities (EPC)	
B4 EPC 4	Development of Inner Self and Professional Identity (DISPI)
Electives	
B4 EL GC	Guidance and counselling
B4 EL SE	Introduction to Special Education
B4 EL DM	Disaster Management
B4 EL CS	Communication Skills
B4 EL DR	Diagnostic and Remedial Teaching
B4 EL EE	Environmental Education
B4 EL PE	Physical Education

Programme Outcomes and Programme Specific Outcomes of B.Ed., Programme

Programme Outcomes - UG (Bachelor of Education)

PO1 : To prepare student-teachers to shoulder the responsibility of building up an educated society.

PO2 : To impart moral, ethical and socially relevant holistic education to student teachers.

PO3 : To develop critical thinking, problem solving, analytical thinking and creativity among the student-teachers.

PO4 : To enhance self confidence among the future teachers and to develop in them a proper attitude towards teaching.

PO5 : To be a good resource centre in teacher education and contribute towards national development.

Programme Specific Outcomes - UG (Bachelor of Education)

At the end of the programme the student will

PSO1 : Formulate and implement a new curriculum of teacher education that would equip the student-teachers and teacher educators with the competencies indispensable for the 21st century.

PSO2 : Develop and apply innovative methods/ processes/ practices/ technologies for improvement of teaching-learning environment.

PSO3 : Enable student-teachers to understand the significance of individual differences among students and to adopt appropriate strategies for their equitable optimum development.

PSO4 : Be able to make effective use of information technologies for effective classroom transaction.

PSO5 : Imbibe the variety of skills imparted through the programme to secure jobs in educational institutions (Govt/ Aided/ Private).

B1 CC 01 - EDUCATIONAL PHILOSOPHY IN INDIAN CONTEXT

Preamble

The aim of this course is to enable the student teachers to understand the Indian culture, values, philosophical thoughts, social harmony and scientific outlook to achieve the national goals through education.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Appreciate the traditional values and ancient Indian culture
- CO2 Understand the divergent philosophies and their implications in education.
- CO3 Realise the relation between education and society
- CO4 Identify the teacher's role in Indian society
- CO5 Understand the contribution of education to national development

B1 CC 02 - LEARNER AND LEARNING - I

Preamble

The aim of the course is four folded. First to know the individual development in socio-cultural context. Second to acquire theoretical perspectives of learning and to understand the dimensions, stages of human development. Third to understand a range of cognitive capabilities and affective process. Finally aware of different context of learning and school context as a positive environment for learning.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Illustrate individual development in socio-cultural context. Describe how issues of cohesiveness and diversity can be integrated for effective learning.
- CO2 Explain different dimensions and stages of human development. Compare the problems of childhood and adolescence learners.
- CO3 Differentiate cognitive capabilities and affective competencies among learners.
- CO4 Describe nature of learning and guide the learning process.
- CO5 Mention different context of learning. Explain how specific school context develop positive and progressive learning among learners

B1CC03 - SCHOOL ORGANISATION AND INSTITUTIONAL PLANNING

Preamble

The aim of this course is to understand educational administration, school administration, School plant, School authorities and rules and regulations in the school's organization.

Course Outcomes (Cos)

On the successful completion of the course, student teachers will be able to

- CO1 Explain about Educational administration, administration problems, present the hierarchical structure of school administration.
- CO2 Describe the various types of school administration and resources.
- CO3 Explain about school plant, community, Co-curricular activities and discipline.
- CO4 Describe the role of external and internal school administrators.
- CO5 Explain the basic rules, regulations, leave rules, records and code of conduct for teachers and students at the school level.

B1CC04 - EVALUATION, ELEMENTS OF STATISTICS AND RESEARCH

Preamble

The aim of this course is to acquire basic knowledge and comprehension of different techniques and approaches in evaluation, basic quantitative measures and educational research.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the basic concepts in testing and evaluation.
- CO2 Understand the taxonomy of educational objectives and write various types of test items.
- CO3 Understand the basic statistical concepts and their applications in testing and evaluation.
- CO4 Understand the basic concepts of research as applied to education.
- CO5 Have the knowledge in different types of research applicable to education.

B1 P1 11 - PEDAGOGY OF ENGLISH - PAPER I

Preamble

The aim of this course is to offer conceptual knowledge and application of language learning skills, micro teaching skills, formulation of instructional objectives and to familiarize with content of VI standard English text book.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Familiarize with the nature, role and principles of English.
- CO2 Realize the nature of mother tongue acquisition and second language learning.
- CO3 Understand and apply micro teaching skills in teaching learning process.
- CO4 Familiarize with the formulation of instructional objectives based on Bloom's taxonomy.
- CO5 Gain mastery in the language elements used in VI standard English text book.

B1 P1 21 - PEDAGOGY OF COMPUTER SCIENCE: PAPER - I

Preamble

The aim of this course is to make students familiarize and utilize computers, Develop skills for teaching computer science and get acquainted with different approaches in imparting computer science.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand computer, its parts and its kinds
- CO2 Acquire knowledge on the development of computers
- CO3 Familiarize with the utilities of computers in various fields
- CO4 Develop skills for teaching computer science concepts.
- CO5 Acquainted with different approaches in imparting computer science concepts.

B1P131-PRINCIPLES OF COMMERCE AND ACCOUNTANCY EDUCATION - PAPER-1

Preamble

The aim of this course is to make the students understand, familiarize with Commerce education, acquaint with principles and maxims of teaching Commerce and Accountancy.

Course Outcomes COs

On the successful completion of the course, student teachers will be able to

- CO1 Understand the nature, scope and values of Commerce education.
- CO2 Get familiarized with the aims and objectives of teaching Commerce and Accountancy.
- CO3 Understand kinds of plans and enable them to prepare year plan and unit plan.
- CO4 Get knowledge about lesson plan for their classes.
- CO5 Acquaint with principles and maxims of teaching Commerce and Accountancy.

B1 P2 11 - PEDAGOGY OF BIOLOGICAL SCIENCE - PAPER - I

Preamble

The aim of this course is to develop an understanding of the nature and scope of biological science, aims, objectives, history and development of biology and teaching content in biological science at standard VI.

Course Outcomes (COs)

On the successful completion of the course, students teachers will be able to

- CO1 Acquire knowledge about nature and scope of biological science.
- CO2 Realize the aims and objectives of teaching of biology.
- CO3 Explore the development of biology in classroom.
- CO4 Develop the skills of exploring history of biologist.
- CO5 Understand the importance concept of biological science at standard VI.

B1P221: PEDAGOGY OF COMMERCE AND ACCOUNTANCY- PAPER - I

Preamble

The aim of this course is to develop an understanding of the different types of curriculum and techniques in and of education to teach commerce and accountancy, develop competency in methods and techniques of teaching, understand about instructional approaches and enhance their skills.

Course Outcomes (COs)

On the successful completion of the course, students teachers will be able to

- CO1 Understand the different types of curriculum and techniques in and of education to teach commerce and accountancy.
- CO2 Understand and develop different micro teaching skills in commerce.
- CO3 Develop competency in methods and techniques of teaching.
- CO4 Understand about instructional approaches in commerce.
- CO5 Understand about the types of training programme and qualities of a commerce and accountancy teacher.

B1 P2 31 - PEDAGOGY OF SPECIAL ENGLISH - PAPER I

Preamble

The aim of this course is to enlighten the prospective teachers on teaching materials, strategies, reading and phonetics in addition to the relevant contents at secondary level, and help them develop into effective teachers at secondary level.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Acquaint the student teachers with teaching materials and modern teaching strategies appropriate to advanced students of English Language at Secondary level.
- CO2 Understand the nature and values of Reading and use different methods of teaching Reading.
- CO3 Familiarize them with the Phonology of English, give them ear training, speech training and make them transcribe a passage in English.
- CO4 Improve their working knowledge of the Verbs in English and apply them while teaching Modern English Grammar and Usage to the students at Secondary level.
- CO5 Master the Language Elements used in the IX Standard English Course Book of

B1 P2 41 - PEDAGOGY OF HISTORY - PAPER - I

Preamble

The aim of this course is to enable the student teachers as good teaching professional in History by providing knowledge of teaching methods and techniques in teaching and learning and effective practices in teaching skills.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Comprehend the nature and scope of History
- CO2 Understand the aims, objectives and values of teaching History
- CO3 Develop the teaching skills in History
- CO4 Acquire knowledge of various methods and techniques of teaching History
- CO5 Familiarise to prepare lesson plan, unit plan, year plan and individualised instruction materials

B1 P2 51 - PEDAGOGY OF MATHEMATICS - PAPER - I

Preamble

The aim of this course is to recognize the importance of teaching mathematics in relation to other disciplines, as well as to write instructional objectives, lesson plans, micro-teaching, various methods and approaches.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 state the meaning and significance of teaching mathematics in correlation with other disciplines.
- CO2 explain the significance of establishing instructional objectives and explore drafting instructional objectives.
- CO3 select and execute the necessary micro-teaching techniques.
- CO4 construct the year plan, unit plan and lesson plan.
- CO5 describe the various methods and approaches involved in teaching mathematics

B1 P2 61 - PEDAGOGY OF PHYSICAL SCIENCE - PAPER-I

Preamble

The aim of this course is to develop an understanding of the introduction of physical science, objectives, micro-teaching skills, unit plan, lesson plan and teaching content in physical science.

Course Outcomes (Cos)

On the successful completion of the course, student teachers will be able to

- CO1 Appreciate the interdisciplinary contributions of Physical Science and also recognize the nature and scope of physical science.
- CO2 Select a topic in science and write cognitive, affective and psychomotor objectives to it based on bloom's taxonomy.
- CO3 Acquire the skills in the teaching of physical science and develop the skills in them through Micro-teaching skills.
- CO4 Gain knowledge about unit plans and lesson plans on their own.
- CO5 Explain teaching of content in science at standard 6th and 7th.

B1 EPC 1 - UTILIZING LIBRARY AND DIGITAL LEARNING RESOURCES

Preamble

The aim of this course is to develop an understanding of the concepts of Library and important learning resources, different methods and types of reading resources, enable easy access to reading resource and develop skills.

Course Outcomes (Cos)

On the successful completion of the course, student teachers will be able to

- CO1 Know the basic concepts of Library and important learning resources
- CO2 Understand various Information sources and their uses in teaching-learning process
- CO3 Identify various reading resources and ways of utilization of reading resources
- CO4 Know various library services for effective access to library resources
- CO5 Understand different methods to evaluate reading and reference sources.

B2 CC 05 - EMERGING CHALLENGES IN INDIAN EDUCATION

Preamble

The aim of this course is to develop capability of formulating possible good solutions to the challenges and issues in Indian education by realizing the salient features of emerging trends in education.

Course Outcomes (COs)

On the successful completion of the course, students teachers will be able to

- CO1 Explain the salient features of emerging trends and special problems of pre-primary education
- CO2 Understand the salient features of emerging trends in education, issues and challenges at primary level.
- CO3 Identify the emerging trends in secondary, higher secondary and higher education
- CO4 Realise the importance of teacher education in India
- CO5 Provide the solutions to the challenges in Indian education

3B2 CC 06 - LEARNER AND LEARNING - II

Preamble

The significant aims of this course are two folded. First it enables the student teachers to understand the adolescence, post adolescence characteristics problems and help the to acquire a clear concept of competence (motivation). Secondly it enables them to gain knowledge about personality, adjustment and mental health.

Course Outcomes (COs)

On the successful completion of the course, students teachers will be able to

- CO1 Describe adolescent, post adolescent characteristics and their problems.
- CO2 Explain the concept of motivation and its role in learning. Understand the self-efficacy theory and achievement motivation theory.
- CO3 Compare and contrast the processes in human cognition at different stages.
- CO4 Explain the importance and significance of personality and adjustment in Teaching and Learning.
- CO5 Describe the three types of conflict and the causes of frustration. Outline the conflict process. Apply the ten steps for promoting mental health.

B2 CC 07 - EDUCATIONAL TECHNOLOGY

Preamble

To stimulate prospective teachers in effective usage of educational technology and its concepts in real time classrooms.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the concept of education technology.
- CO2 Have the knowledge of hardware and software in educational technology.
- CO3 Apply the skills of Communication techniques in classroom situation
- CO4 Produce and develop computer operations and networking.
- CO5 Use the multimedia devices and its applications education.

B2 CC 08 - PEACE EDUCATION

Preamble

The aim of this course is to inculcate the knowledge of peace education and apply the best practices of non-violence, tolerance, equality and social justice in everyday life.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Aware of the concept of peace education.
- CO2 Discuss the ways to fostering culture of peace through education.
- CO3 Understand the nature of conflicts and their resolution.
- CO4 Identify the skills needed to achieve and sustain a global culture of peace.
- CO5 Promote the culture of peace and apply the best practices in life.

B2 P1 12 - PEDAGOGY OF ENGLISH - PAPER II

Preamble

The aim of this course is to provide foundation for enhancing second language learning skills especially reading and writing, and reflect on the current practices in English language teaching.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Prepare traditional and digital lesson plans and learning materials.
- CO2 Gain mastery in intensive reading skill.
- CO3 Strengthen their extensive reading skill.
- CO4 Apply various methods in teaching English grammar.
- CO5 Enhance their language mastery in writing skill.

B2 P1 22 - PEDAGOGY OF COMPUTER SCIENCE: PAPER - II

Preamble

The aim of this course is to provide foundation for operating systems and their applications, the application software and its utilities and the elementary ideas on various learning strategies.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Acquainted with different number systems and their uses in the functioning of computers.
- CO2 Acquire knowledge on the operating systems and their applications.
- CO3 Familiarize with the application software and its utilities.
- CO4 Understand the concept of 'C' programming.
- CO5 Understand the elementary ideas on various learning strategies.

B2P132-PRINCIPLES OF COMMERCE AND ACCOUNTANCY EDUCATION - PAPER-II

Preamble

The aim of this course is to provide different strategies, skills and evaluation techniques for the students of Commerce and Accountancy.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Develop classroom communication skills for Commerce and Accountancy teaching.
- CO2 Identify and demonstrate Computer Applications for teaching Commerce and Accountancy
- CO3 Use different learning strategies in teaching Commerce and Accountancy.
- CO4 Develop skills in preparing and using appropriate instructional materials in Commerce and Accountancy teaching.
- CO5 Understand the evaluation techniques and prepare objective, short and essay type test items to assess the achievement and progress of pupils.

B2 P2 12 - PEDAGOGY OF BIOLOGICAL SCIENCE - PAPER - II

Preamble

The aim of this course is to provide the foundation for teaching and planning, preparation of lesson plans, achieve competency in micro teaching skills and preparation of Teaching aids.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Plan and prepare lesson plan effectively.
- CO2 Realize the various methods of teaching of Biology.
- CO3 Incorporates Computer Assisted Instruction in classroom.
- CO4 Develop the skills preparation and utilization of instructional Aids.
- CO5 Understand the importance of audio-visual aids and further use them in classroom.

**B2P222- PEDAGOGY OF COMMERCE AND ACCOUNTANCY -
PAPER II**

Preamble

To train the Commerce teachers to acquaint with knowing different sources of Commerce Education, methods and trends in Commerce & Accountancy.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Design lifelong education to learners according to their needs, aptitude and convenience
- CO2 Apply the theories of motivation and provide rationale for the students in the classroom
- CO3 Identify different resources related to Commerce education
- CO4 Organize an effective classroom management system for a better climate
- CO5 Acquaint with Educational Statistics and recent trends in evaluation.

B2 P2 32 - PEDAGOGY OF SPECIAL ENGLISH - PAPER II

Preamble

To train the Prospective Teachers to master the relevant contents at Secondary level and help them develop into effective teachers at Secondary level.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Plan effective means and methods of achieving goals in teaching Intensive Reading namely Teaching of Prose and Teaching of Poetry.
- CO2 Achieve goals in teaching Supplementary Reading besides strengthening the Extensive Reading of the Trainee Teachers.
- CO3 Familiarize with the grammatical terminology and working knowledge in select grammatical units.
- CO4 Improve the writing ability of the student teachers in English and help them teach composition to advanced students of English Language.
- CO5 Master the Language Elements used in the X Standard English Course Book of Tamil Nadu Textbook and Educational Services Corporation.

B2 P2 42 - PEDAGOGY OF HISTORY - PAPER - II

Preamble

The aim of this course is to enable student teachers to become good teaching professional in history by providing knowledge of curriculum development and optimal utilization of resources

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Comprehend the meaning and concept of curriculum development
- CO2 Understand the ways and means of organisation of History curriculum
- CO3 Correlate History with other subjects
- CO4 Acquire skills and competency to plan various resources and equipments in History
- CO5 Realise the qualities of an effective History teacher

B2 P2 52 - PEDAGOGY OF MATHEMATICS - PAPER II

Preamble

The aim of this course is to focus on teaching Mathematics effectively using mathematical resources.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Describe the different aspects of curriculum development in Mathematics Education.
- CO2 Use the necessary facilities for enhancing learning of Mathematics.
- CO3 Identify the difference ways of dealing with individual differences.
- CO4 Justify the essential values and skills for Mathematics teacher.
- CO5 Use the evaluation tools effectively according to the nature of the content in Mathematics.

B2 P2 62 - PEDAGOGY OF PHYSICAL SCIENCE - PAPER-II

Preamble

The aim of this of this course is to develop an understanding of Physical Science, Methods of Teaching, Evaluation, Curriculum Projects, Preparation of Teaching aids in Physical Science.

Course Outcomes (COs)

On the successful completion of the courses, student teachers will be able to

- CO1 Develop the skill of selecting appropriate methods for Teaching different topics in Physical Science.
- CO2 Use the evaluation tools effectively according to the nature of the content in Physical Science.
- CO3 Understand the principles and the various aspects Physical Science Curriculum
- CO4 Develop the skill of selecting suitable Teaching Aids for effective Teaching in Physical Science.
- CO5 Apply the concept of Science in daily life with reasoning while decision - making solving problems and classifies materials based on properties.

B2 EPC 2 - DRAMA AND ART IN EDUCATION

Preamble

The aim of this course is to understand the importance of Art, Music and Drama in education and enhance the skills in performing arts.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Comprehend the importance of music in day to day life.
- CO2 Understand the significant relationship between drama and education.
- CO3 Develop mastery in vocal singing.
- CO4 Familiarise in performing drama.
- CO5 Enhance fundamental concept of music and sing songs of national importance.

B2 EPC 3 : HEALTH, PHYSICAL EDUCATION AND YOGA

Preamble

The aim of this course is to practice and enhance the knowledge on health, fitness and balanced diet through yogic practices.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Gain knowledge in the aspect of Health and Balanced Diet
- CO2 Understand the various aspects of Physical Education and Adapted Physical Education.
- CO3 Enumerate the fitness components and explain the fitness assessment test.
- CO4 Understand the basic concepts of Yoga
- CO5 Grasp the concepts of Asanas and Pranayama

B3 P1 13 - PEDAGOGY OF ENGLISH - PAPER III

Preamble

The aim of this course is to develop an in-depth understanding and application of different methods, approaches in teaching learning process, and to utilize the resources available in English Language learning.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Comprehend various resources and materials available in English language learning and utilize them effectively.
- CO2 Familiarize and apply different methods in teaching of English language.
- CO3 Familiarize and apply different approaches in teaching of English language.
- CO4 Understand and apply various assessment and evaluation techniques in teaching of English language at secondary school level.
- CO5 Get mastery in language elements used in the VII standard English course book.

B3 P1 23 - PEDAGOGY OF COMPUTER SCIENCE: PAPER - III

Preamble

The aim of this course is to develop an in-depth understanding of curriculum construction, methods of teaching computer science, application computer networking and enhance practical skills.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the concept and construction of curriculum.
- CO2 Acquainted with the different methods in imparting computer science concepts.
- CO3 Understand the fundamentals of 'C++' and develop simple programs in C++
- CO4 Plan and manage computer laboratory
- CO5 Provide practical training in program entry, editing and debugging.

B3P133-PRINCIPLES OF COMMERCE AND ACCOUNTANCY EDUCATION - PAPER III

Preamble

The aim of this course is to develop an understanding of international trade in business, application in different forms of organizations, and familiarize with the social framework of consumer rights and legal framework of protecting consumer rights.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand various types of trade and international trade in business.
- CO2 Know about the aids to trade; transport, warehousing, banking and its applications in commerce.
- CO3 Understand the concept of insurance and advertising and how it affects the business.
- CO4 Acquire knowledge about various types of business and their application in to different forms of organizations.
- CO5 Familiarized with the social framework of consumer rights and legal framework of protecting consumer rights.

B3 P2 13 - PEDAGOGY OF BIOLOGICAL SCIENCE - PAPER - III

Preamble

The aim of this course is to provide the practical knowledge about the maintenance and usage of science laboratory and giving various aspects and methods of evaluation.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the concepts of crop protection, bio-diversity and pollution.
- CO2 Recognise the structure of animal kingdom and organ system of human being.
- CO3 State the importance evolution and functions of life process.
- CO4 Understand the different components of living world and physiology of living organisms.
- CO5 Explain the importance of environmental science and bio-technology

B3P223-PEDAGOGY OF COMMERCE AND ACCOUNTANCY - PAPER III

Preamble

The aim of this course is to develop the understanding of accounting and application of different accounting, understand about partnership and company accounts and computerised accounting.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understanding about accounting and its concepts.
- CO2 Understand about books of original entry and trial balance.
- CO3 Acquire the knowledge about final accounts.
- CO4 Understand about preparing partnership and company accounts
- CO5 Understand about computerized accounting and its concepts.

B3 P2 33 - PEDAGOGY OF SPECIAL ENGLISH - PAPER III

Preamble

The aim of this course is to train the prospective teachers to master the methods and techniques in addition to the content at secondary level, and help them develop into effective teachers at secondary level.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Acquaint them with modern methods and techniques of Teaching English and Evaluation at Secondary level.
- CO2 Acquire a working knowledge of the select language components and apply them while teaching Modern English Grammar and Usage at secondary level.
- CO3 Familiarize them with the Phonology of English, and improve the fluency and expression of student teachers in English.
- CO4 Strengthen the writing skill of student teachers in English to write correct English themselves and be able to teach the same at Secondary level.
- CO5 Master the Language Elements used in the XI Standard English Course Book of Tamil Nadu Textbook and Educational Services Corporation.
www.textbooksonline.tn.nic.in.

B3 P2 43 - PEDAGOGY OF HISTORY - PAPER - III

Preamble

The aim of this course is to enable the student teachers to understand the content knowledge of the Indian History, Tamil Nadu History and the World History and equip themselves as masters in their subject.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Aware the knowledge of ancient Indian History
- CO2 Understand the political conditions existed during the medieval period.
- CO3 Gain the knowledge on the advent of Europeans and the freedom movement
- CO4 Develop the values of cultural heritage of Tamil Nadu
- CO5 Understand the role of the UNO with the background knowledge of political history of the world.

B3 P2 53 - PEDAGOGY OF MATHEMATICS - PAPER - III

Preamble

The aim of the course is to improve problem-solving abilities in different ways in the areas of set theory, algebra, geometry, coordinate geometry, trigonometry, statistics and probability in order to improve mathematics teaching and learning.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Explain the concepts of set language and functions, algebra and matrices.
- CO2 Build problem-solving skills in the fields of theorem-based geometry
- CO3 Solve difficulties in coordinate systems and put the concepts into practice.
- CO4 Utilise the notion of trigonometry in their everyday lives
- CO5 Employ statistics and probability ideas in their work

B3 P2 63 - PEDAGOGY OF PHYSICAL SCIENCE - PAPER - III

Preamble

The aim of this course is to develop an understanding of measurement and motion, liquid, solid and heat, gravitation electricity and magnetic field, matter, atomic structure, chemical equation and bonds, atoms and molecules in physics and chemistry.

Course Outcomes (Cos)

On the successful completion of the course, student will be able to

- CO1 Understand the fundamental units and symbols of physical quantities and equations of motion.
- CO2 Explains processes, phenomena and laws with the understanding of the relationship between liquid, sound and heat on a scientific basis.
- CO3 Recognise the concept of Physics-related to various natural phenomena (such as gravitation, electricity and magnetic field)
- CO4 Understanding the difference between the classification of matter, the discovery of nucleus and neutron, atomic number and mass number.
- CO5 Gain knowledge of basic concepts and elements in atoms and molecules their application.

B4 CC 09 - CURRICULUM DEVELOPMENT AND INSTRUCTION

Preamble

The aim of this course is to develop knowledge about the Educational Management, Educational planning, Finance, Classroom Management Functions and contemporary management needs.

Course Outcomes (COs)

On the successful completion of the course, student will be able to

- CO1 Enable student teachers to understand the basic principles of curriculum construction.
- CO2 Make them to understand the importance of curriculum revision.
- CO3 Acquaint with current patterns of curriculum organization.
- CO4 Expose them in the aspects involved in evaluation of curriculum.
- CO5 Acquaint with the different approaches in the instructional tasks

B4 CC 10 - EDUCATIONAL MANAGEMENT

Preamble

The aim of this course is to understand the determinants of curriculum concepts and conceptualize the process of curriculum planning, development and evaluation.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Clear picture of the basic management functions of different levels of school and skilled in "POSDCORB"
- CO2 Develop the skills of Planning and Budget.
- CO3 Develop the Teaching-learning process and positive attitude towards Teaching Profession.
- CO4 Develop the Qualities such as Leadership, Management and Decision - making.
- CO5 Gaining clarity about the Quality of Education and the work of the Higher Education Institutions in the Management Practices.

B4 CC 11 - DEVELOPMENT OF MORAL AND SOCIAL VALUES

Preamble

The aim of this course is to develop moral and social values among student teachers.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Examine the importance of moral, social and personal values and to be followed in their day to day life.
- CO2 Understand the values followed in Indian scriptures.
- CO3 Apply the spiritual values followed by Swami Vivekananda in their life.
- CO4 Familiarize with the teachings of Swami Vivekananda.
- CO5 Indicate the message of Swami Vivekananda in their adulthood.

B4 P1 14 - PEDAGOGY OF ENGLISH - PAPER IV

Preamble

The aim of this course is to offer conceptual knowledge and effective application of technology in learning English language, language speech mechanism and methods of testing language skills.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Familiarize with technology in learning English language.
- CO2 Comprehend with English language speech mechanism and apply in communication.
- CO3 Strengthen their supra segmental features in speaking English language.
- CO4 Apply various methods in testing their language skills.
- CO5 Gain mastery in the content of VIII standard English text book.

B4 P1 24 - PEDAGOGY OF COMPUTER SCIENCE: PAPER - IV

Preamble

The aim of this course is to offer conceptual knowledge and effective application of educational technology in teaching learning process, acquaint the students with the computer language, networking and its educational applications.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the utilities of educational technology in teaching and learning.
- CO2 Familiarize with the co-curricular activities and teaching aids those are enhancing learning computer science.
- CO3 Help in the preparation and utilizing CAI packages for teaching
- CO4 Understand the fundamentals of 'BASIC' language
- CO5 Acquaint the students with the Networking and its educational applications.

B4P134-PRINCIPLES OF COMMERCE AND ACCOUNTANCY EDUCATION - PAPER - IV

Preamble

The aim of this course is to develop competency in teaching Commerce and Accountancy and to instigate research attitude among students.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Assess the needs of the learner and choose appropriate pedagogy
Develop competency to meet the needs of the pupils of high and higher secondary
- CO2 classes with regard to educational, personal and vocational guidance and capable of selecting tests
- CO3 Develop competency in teaching of Commerce
- CO4 Judge the quality of a text book
- CO5 Develop research attitude among students

B4 P2 14 - PEDAGOGY OF BIOLOGICAL SCIENCE - PAPER - IV

Preamble

The aim of this course is to provide the practical knowledge about the maintenance and usage of Science laboratory and giving various aspects and methods of evaluation.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Develop skills of making teaching learning process experiential and joyful
- CO2 Develop skill and ability to use of instructional Aids
- CO3 Develop the ability to plan and organize of Bio-Science laboratory
- CO4 Understand the various resources of Biology - Library.
- CO5 State the importance of evaluation

B4 P2 24 PEDAGOGY OF COMMERCE AND ACCOUNTANCY - PAPER IV

Preamble

The aim of this course is to make students acquaint with different models of teaching and understand the concepts of teaching Commerce and Accountancy.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Conduct an action research
- CO2 Acquaint with the models of teaching
- CO3 Compare the functioning of different educational organizations
- CO4 Understand the importance, maintenance and uses of various resources for Teaching of Commerce and Accountancy
- CO5 Analyze the controversial issues related to commerce

B4 P2 34 - PEDAGOGY OF SPECIAL ENGLISH - PAPER IV

Preamble

The aim of this course is to train the prospective teachers to master the philology, technology based resources and introductory linguistics and help them develop an effective teachers at secondary level.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Acquaint with the philological and semantic structure of English and use while they speak and write.
- CO2 Enhance working knowledge in certain grammatical units and apply them while solving problems in teaching learning the same units.
- CO3 Familiarize with different contents of ELT elements in computer based media and use them effectively while teaching English at different levels.
- CO4 Acquire the knowledge of Linguistics and improve their competency as teachers of English.
- CO5 Master the Language Elements used in the XII Standard English Course Book of Tamil Nadu Textbook and Educational Services Corporation.

B4 P2 44 - PEDAGOGY OF HISTORY - PAPER - IV

Preamble

The aim of this course is to develop the technological skills that empower to evaluate effectively the content with co-curricular activities to have enriched attempts in History research.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Acquire the skills of content analysis in History
- CO2 Apply the application of innovative technology in History
- CO3 Understand the various types of evaluation and tests in teaching History
- CO4 Frame the various important co-curricular activities in History
- CO5 Assimilate the different types of research in History

B4 P2 54 - PEDAGOGY OF MATHEMATICS - PAPER - IV

Preamble

The aim of this course is to teach mathematics effectively in psychological and technological aspects.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Apply the concepts in psychological aspects of learning Mathematics.
- CO2 Understand the special instructional approaches in teaching Mathematics.
- CO3 Prepare and handle the teaching aids in Mathematics
- CO4 Manage the classroom and develop leadership qualities.
- CO5 Develop the skill in teaching Mathematics by Educational Technology , Integrating ICT and other modern techno pedagogical Skills

B4 P2 64 - PEDAGOGY OF PHYSICAL SCIENCE - PAPER-IV

Preamble

The aim of this course is to develop an understanding of Educational Technology and ICT skills, Co-Curricular Activities, Qualities of a good Teacher, Science laboratory and Learning resource in Physical Science.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Develop the skill in teaching of Physical Science by Educational Technology & integrating ICT and other Modern Techno Pedagogical skills.
- CO2 Apply the steps in Co-curricular activities and make an attempt to develop Science Curriculum.
- CO3 Develop the Essential values and skill for a Science Teacher.
- CO4 Develop the required practical skills and establish Science a laboratory.
- CO5 Develop the habit of reading books and journals.

B4 EL GC - GUIDANCE AND COUNSELLING

Preamble

The aim of this course is to develop an understanding of principles, types and approaches in guidance and counselling, and its applications in the process of education.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the basic principles of guidance and the application of the same to the process of education.
- CO2 Understand the basic concepts of counselling and the application of the same to the process of education.
- CO3 Acquire the skills necessary to administer and interpret standardized tools.
- CO4 Understand the concept educational and vocational guidance and the responsibilities of teacher in providing them.
- CO5 Understand the evaluation of Counselling and modern trends in counseling

B4 EL SE - INTRODUCTION TO SPECIAL EDUCATION

Preamble

The aim of this course is to understand the characteristics, strategies and special needs of the students.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Know the concept of special education and its classification
- CO2 Identify the intervention strategies of gifted and mentally retarded
- CO3 Explain the meaning, classification, characteristics, need and importance of intervention strategies of various disabilities
- CO4 List out the characteristics and types of disorder
- CO5 Elaborate the service delivery models in education and rehabilitation

B4 EL DM - DISASTER MANAGEMENT

Preamble

The aim of this course is to develop the awareness on various disaster management strategies that helps to serve as a responsible citizen to respond in the needed situations with the extended hands of government and private organizations that scatters the values of a real human being.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Explain the concept of disaster management
- CO2 Assimilate the types of degradation and disaster hazards.
- CO3 Explore the role of disaster management authorities at national and state level.
- CO4 Identify the role of government and private agencies in disaster management
- CO5 Realise the role of educational institutions and technologies in disaster management

B4 EL CS - COMMUNICATION SKILLS

Preamble

The aim of this course is to develop the awareness of fundamentals of language skills and to train them to master in language skills Listening, Speaking, Reading and Writing and also to apply those skills in day to day life.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the concept and theories of communication.
- CO2 Develop the various skills of listening that are useful in the classroom.
- CO3 Get trained in the skill of speaking and the components of this skill.
- CO4 Familiarize with the skill of reading, its method of teaching and evaluation.
- CO5 Develop the skill of writing and evaluation techniques of writing skill.

B4 EL DR - DIAGNOSTIC AND REMEDIAL TEACHING

Preamble

The aim of this course is to make student teachers to familiarize with learning difficulties, diagnosing different learning disabilities and application of appropriate tools and remedial measures to overcome the learning difficulties.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the meaning and the need for Diagnostic and Remedial teaching.
- CO2 Identify the various learning difficulties and their causes.
- CO3 Familiarize with test and tools of Diagnosis.
- CO4 Use the common techniques to identify the poor reader.
- CO5 Understand the causes of reading disability and the operational procedures of diagnosis.

B4 EL EE - ENVIRONMENTAL EDUCATION

Preamble

The aim of this course is to provide the practical knowledge current scenario about our environment, issues in environmental management and importance of biodiversity and its conservation.

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Understand the basic principles and practices of the environmental education at Secondary and Higher Secondary Level.
- CO2 Comprehend the importance of Natural resources, role of individual and associated problems.
- CO3 Acquire the knowledge of Ecosystem and biodiversity in environmental education.
- CO4 Understand basic concepts of environmental pollution and preventing measures.
- CO5 Aware of the social issues and acts applicable for preventing and control of pollution.

B4 EPC 4 - DEVELOPMENT OF INNER SELF AND PROFESSIONAL IDENTITY (DISPI)

Preamble

The Course Development of Inner Self and Professional Identity (DISPI) is unique in its nature. It aims to develop the Inner Self (Psychological Self) of the trainees and to promote their Professional Identity through five different workshop activities.

Course Outcomes (COs)

- On the successful completion of the course, student teachers will be able to
- CO1 Explain their life stories Dreams Aspirations, through varied forms of self-expressions.
 - CO2 Describe how their childhood and adolescence experiences shaped their present behaviour.
 - CO3 Narrate stories of different children who raised in different circumstances and how their situation affect their sense of Self and Identity formation.
 - CO4 Able to write (creative writing, drawing, painting, etc.,) for the reflective Journal.
 - CO5 Participate or lead in real life intervention with college or school community.

B4 EL PE - PHYSICAL EDUCATION

Preamble

The aim of this course is to provide adequate knowledge on communicable diseases, methods of organising tournaments, yogic practices and fundamental skills of select major games.

Course Outcomes (COs)

- On the successful completion of the course, student teachers will be able to
- CO1 Gain the basic knowledge on communicable diseases
 - CO2 Master in fundamental skills of select major games and organise the tournaments.
 - CO3 Explain the test to assess the fitness components
 - CO4 Gain the knowledge about various National Sports Organizations and National Level Sports Awards.
 - CO5 Explain the yogic therapy for various Health problems.

B4 EL ET E-learning Technology

Preamble:

To provide necessary knowledge on the fundamental ideas of e-learning technology and integrating the same in teaching learning process

Course Outcomes (COs)

On the successful completion of the course, student teachers will be able to

- CO1 Gain insight on the need, significance and evolution of e-learning technology.
- CO2 Acquire knowledge on Web 2.0 and its applications in Education at Secondary level.
- CO3 Familiarize with Learning Management System and attempt to develop learning courses using MOODLE.
- CO4 Understand about the MOOC and its implications.
- CO5 Develop insight on the future of e-learning technology.