



Meston College of Education

(Autonomous)
Chennai – 600 014.



PROGRAMME LEARNING OUTCOME

AND

COURSE LEARNING OUTCOME

2022-2023

Meston College of Education

(Autonomous)

Royapettah, Chennai – 600 014.

B. Ed Programme

Programme Learning Outcome

PROGRAMME OBJECTIVES OF B.Ed.DEGREE PROGRAMME

After the successful completion of B.Ed degree programme, the graduates will be able to

1. excel in school management and administration by realizing the needs of the community and mature holistically in all dimensions-physical, emotional, intellectual, ethical, spiritual and social, by fulfilling the vision of our Meston college.
2. organize various scholastic activities, non-scholastic activities and teacher and learner centered methods of teaching to cope up with present generation.
3. apply the philosophical ideologies in the real class room situations and recognize the individual differences among the learners through psychological perspectives in education.
4. attain mastery over school content and pedagogy with an overall understanding of various disciplines and curriculum.
5. adapt information communication technology (ICT) in preparing e-content for teaching learning process and attain progressive attitude on online courses which develops self-study and lifelong learning.
6. Establish self-esteem, social consciousness and cultural to face the challenges of the society.
7. enhance the ability in communicating the content, views and ideas effectively through the preparation of appropriate Teaching Learning Materials (TLM) for effective teaching.
8. transfer the value added information of human rights education, life skills education, peace education and physical education in practical life situations to attain the wholesome development.
9. develop various plans in managing school activities and construct appropriate evaluation tools for assessment.
10. enhance personalized capacities and professional competencies by adapting research education, gender education, inclusive education and guidance and counselling practices in school and society.

COURSE OBJECTIVES

B.Ed – (2022 - 2024 BATCH) (First Semester)

11 PEC - PHILOSOPHICAL PERSPECTIVES OF EDUCATION

No of Credits: 3

No of Hours: 60

The student teachers will be able to

- CO 1: understand the concept of Education.
- CO 2: acquire knowledge about Philosophy of Education.
- CO 3: explain the dynamics of Indian and Western Schools of Philosophy.
- CO 4: recognize the educational thoughts of Western Thinkers of Education.
- CO 5: explore the educational thoughts of Indian Thinkers of Education.
- CO 6: foster and promote excellence in Philosophical Perspectives of education.

12 PEC - PSYCHOLOGICAL PERSPECTIVES IN EDUCATION – PART : I

No. of Credits: 3

No. of Hours: 60

The student-teachers will be able to

- CO 1: understand the various concepts and schools of Educational Psychology.
- CO 2: comprehend the concepts and theories of growth and development of the learners.
- CO 3: describe the learning process, transfer of learning and meta-cognition.
- CO 4: identify the process of attention, remembering and forgetting.
- CO 5: develop the concepts of motivation, group dynamics and leadership.
- CO 6: elevate the professional skills by learning various theories of psychology.

13 PEC ESSENTIALS OF TEACHING AND LEARNING

No of Credits: 3

No of Hours: 60

The Student –Teachers will be able to

- CO 1: analyse the process of learning
- CO 2: make use of knowledge on concept of teaching
- CO 3: inculcate an awareness on learning in and out of school and on constructivism
- CO 4: acquire the skills of effective teaching in diverse classroom
- CO 5: develop the ability to appreciate teaching as a profession.
- CO 6: sensitize the ethics and responsibility towards excel in teaching profession.

11B CPC - PEDAGOGY OF BIOLOGICAL SCIENCE - PART: I

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: analyse the place of Biology in school and get expertise in objectives of teaching Biology
- CO 2: evaluate the contributions of biologists and new developments in branches of biology
- CO 3: develop various teaching skills of teaching profession
- CO 4: apply the various instructional resources in teaching of Biology
- CO 5: execute the appropriate teaching methods and approaches in teaching of Biology
- CO 6: excel in their profession with necessary skills in teaching of Biology and fulfill the vision and mission declarations of Meston College of Education.

11E CPC - PEDAGOGY OF ENGLISH - PART: I

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO1: gain more information about language teaching
- CO2: familiarize the art of listening, speaking, reading and writing.
- CO3: acquire knowledge about the various methods and approaches in teaching English
- CO4: understand the various skills of teaching English
- CO5: attain expertise in word formation
- CO6: achieve professional competence in teaching English.
- CO7:

11H CPC- PEDAGOGY OF HISTORY – PART: I

No. of Credits: 3

No. of Hours: 60

Objectives:

The Student – Teachers will be able to

- CO 1: acquire knowledge on the meaning and scope of History
- CO 2: understand the principles of History curriculum
- CO 3: comprehend the objectives of teaching History
- CO 4: internalize the art of classroom teaching skills
- CO 5: employ different methods of teaching History

11M CPC- PEDAGOGY OF MATHEMATICS – PART: I

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: develop an insight into the nature and characteristics of Mathematics
- CO 2: understand the various aims and objectives of teaching Mathematics
- CO 3: practice the teaching skills through micro teaching technique
- CO 4: understand the different methods of teaching Mathematics
- CO 5: understand and apply the various roles of the new emerging mass media in Mathematics
- CO 6: acquire professional values through learning Mathematics.

11P CPC- PEDAGOGY OF PHYSICAL SCIENCE - PART: I

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: recognize the nature of Science
- CO 2: summarize the aims and objectives of teaching Physical Science
- CO 3: dissect the various micro skills of teaching
- CO 4: justify the various methods of teaching Physical Science
- CO 5: make use of the pedagogical exercises
- CO 6: compile the theoretical knowledge and practical skills to achieve excellence in Physical Science teaching.

12 CPC - CURRICULUM INTEGRATION: LANGUAGE AND DISCIPLINE

No. of Credits: 3

No. of Hours: 60

The student-teachers will be able to

- CO 1: identify the perception of Multilingualism in the Indian Society
- CO 2: apply listening, speaking, reading and writing of Language across Curriculum
- CO 3: procure proficiency encircling Language and Curriculum Development
- CO 4: resolve curriculum change
- CO 5: assimilate curriculum implementation and evaluation
- CO 6: inherit a flair interest for language and in designing curriculum.

11 VAC - PHYSICAL AND HEALTH EDUCATION (ELECTIVE)

No. of Credits: 3

No. of Hours: 60

The student- teachers will able to

- CO 1: acquire knowledge about physical education and Physical Fitness.
- CO 2: acquiring knowledge about impact of physical education on other field
- CO 3: develop the skills in organizing the physical education competitions in institutions.
- CO 4: gain the knowledge about yoga, asana, meditation and surya namaskar.
- CO 5: Develop health consciousness and share its importance to the society.
- CO 6: understand the nature of sports injuries and provide first aid.
- CO 7: excel in physical, mental and social values with interest in healthy life style.

12 VAC - LIFE SKILLS EDUCATION (ELECTIVE)

No. of Credits: 3

No. of Hours: 60

Objectives:

The student teachers will be able to

- CO 1: practice the soft skills essential for one's life.
- CO 2: develop awareness about career planning
- CO 3: recruit himself in the interview
- CO 4: understand the importance of team building and team work.
- CO 5: manage the stress in the life.
- CO 6: develop life skills for their profession.

13 VAC - VALUES AND PEACE EDUCATION (ELECTIVE)**No. of Credits:3****No. of Hours: 60****Objectives:**

The student- teachers will be able to

- CO 1: understand values and sources of values.
- CO 2: analyse evil practices and comprehend fostering values through different agencies.
- CO 3: acquire knowledge about the concept of Peace Education.
- CO 4: discuss the ways of promoting the culture of peace.
- CO 5: develop skills and techniques needed to teach value education.
- CO 6: create social sensitivity and adopt ethical principles through values and peace education.

COURSE OBJECTIVES

**B.Ed – (2022 - 2024 BATCH)
(Second Semester)**

21 PEC- PSYCHOLOGICAL PERSPECTIVES IN EDUCATION – PART : II**No. of Credits: 3****No. of Hours: 60****OBJECTIVES:**

The student-teachers will be able to

- CO 1: understand the concepts of Intelligence, creativity and their educational implications.
- CO 2: understand the nature of personality.
- CO 3: familiar with the aspects of thinking and emotion.
- CO 4: acquaint with certain skills to develop adjustment and mental health.
- CO 5: differentiate the learners and their needs.
- CO 6: develop professional excellence through learning various assessment techniques of human behavior

22 PEC UNDERSTANDING DISCIPLINES AND SUBJECTS**No of Credits: 3****No of Hours: 60****Objectives:**

The Student –Teachers will be able to

- CO 1: differentiate the discipline and subject
- CO 2: interpret the knowledge about subjects in socio-cultural perspectives
- CO 3: Summarize the disciplinary knowledge
- CO 4: relate the interdisciplinary teaching and learning of the school subjects
- CO 5: acquire the skills of learner centered pedagogy
- CO 6: excel in school subjects incorporating academic excellence & professional competence.

23 PEC – KNOWLEDGE AND CURRICULUM

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 7: spell out the meaning of knowledge in Education.
- CO 8: summarize the basics of curriculum.
- CO 9: utilize the knowledge on curriculum development.
- CO 10: relate the knowledge of planning and management of instruction.
- CO 11: analyze the concept of curriculum evaluation.
- CO 12: develop the skills of social sensitivity to face challenging society.

21B CPC - PEDAGOGY OF BIOLOGICAL SCIENCE - PART-II

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: apply effective plans for instructional classes.
- CO 2: analyse the curriculum in Biological Sciences and its development process.
- CO 3: distinguishes the different models of teaching and its role in teaching of Biology.
- CO 4: Use teaching learning materials for effective instruction.
- CO 5: apply the assessment procedure in conducting achievement test
- CO 6: excel in their professional values related to planning, execution and evaluation in teaching of Biology.

21E CPC - PEDAGOGY OF ENGLISH - PART: II

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: determine the subtlety of abounding sounds in English language
- CO 2: understand the importance of speaking skills
- CO 3: cognize the strategies of macro teaching skills
- CO 4: apprehend the various study skills
- CO 5: conversant with multifarious teaching aids
- CO 6: foster social sensitivity about teaching using technology.

21H CPC - PEDAGOGY OF HISTORY - PART: II

No. of Credits: 3

No. of hours: 60

Objectives:

The Student-Teachers will be able to

- CO 1: comprehend the meaning of different teaching models
- CO 3: understand the importance of media in teaching History
- CO 4: evaluate the role of different strategies and devices in teaching History
- CO 5: employ different resources and equipment in teaching History
- CO 6: grasp the importance of evaluation in History

21M CPC- PEDAGOGY OF MATHEMATICS – PART: II

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: prepare the unit plan and lesson plan in Mathematics
- CO 2: understand the various psychological theories and factors influencing the learning of Mathematics
- CO 3: develop an insight into the various models of teaching and their implications to the teaching and learning situation
- CO 4: acquaint knowledge with various class room interaction analysis systems
- CO 5: know about achievement test, diagnostic test and prognostic test
- CO 6: acquire skill in the construction of an achievement test
- CO 7: achieve excellence in education through their profession

21P CPC - PEDAGOGY OF PHYSICAL SCIENCE - PART II

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: translate the principles and approaches in organizing curriculum
- CO 2: design the lesson plan of their own, based on the content
- CO 3: equip the resources of teaching - learning in physical science
- CO 4: develop the skill of procurement and care of the science laboratory
- CO 5: utilize the concepts of evaluation in physical science
- CO 6: acquire the professional competence towards science teaching

22 CPC – ASSESSMENT FOR LEARNING

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: understand the concept and approaches of Measurement, Assessment and Evaluation
- CO 2: analyse the tools and techniques of Evaluation
- CO 3: develop necessary skills for preparation of achievement test and diagnostic test and study about the Continuous and Comprehensive Evaluation
- CO 4: discuss the various issues, concerns and emerging trends in Assessment and Evaluation
- CO 5: master various statistical techniques for reporting and interpreting quantitative data
- CO 6: foster professional values through fair evaluation

21 VAC - HUMAN RIGHTS EDUCATION (ELECTIVE)

No. of Credits: 3

No. of hours: 60

Objectives:

The student-teachers will be able to

- CO 1: acquire the knowledge of concept of human rights.
- CO 2: analyze the status of women and children in contemporary Indian society.
- CO 3: synthesis the school education and human rights perspective.
- CO 4: Critically evaluate the role and the problems of enforcement of human rights in India.
- CO 5: Evaluate the role of agencies in protecting human rights.
- CO 6: foster Social Sensibility with community outlook.

22 VAC - RESEARCH IN EDUCATION (ELECTIVE)

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: define the concept Research as a process of acquisition of knowledge
- CO 2: explain the foundations of Educational Research
- CO 3: identify the sources of Educational Research problems
- CO 4: know the different types of variables in Research
- CO 5: formulate the different types of hypotheses
- CO 6: understand various sampling techniques
- CO 7: acquire knowledge of various scales available for measurement in Educational Research
- CO 8: gain information on various tools and techniques of Research
- CO 9: refine Research skills needed for their professional competency

23 VAC – GUIDANCE AND COUNSELLING (ELECTIVE)

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: understand about guidance and counselling.
- CO 2: practice the various behavioral and cognitive techniques used in counselling
- CO 3: realise the techniques and significance of group Guidance and group Counselling.
- CO 4: recognise the need for providing guidance services in school.
- CO 5: utilize various guidance services for exceptional children.
- CO 6: Develop the professional competency to provide guidance and counselling.

COURSE OBJECTIVES

**B.Ed – (2022 - 2024 BATCH)
(Third Semester)**

31B CSC - CONTENT OF SCHOOL SUBJECT (BIOLOGY) - LEVEL I (Both for Graduates and Post Graduates)

No. of Credits: 3

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 6th, 7th & 8th Standards Science text books prescribed by Tamil Nadu Government for effective teaching of Biology.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

32B CSC - CONTENT OF SCHOOL SUBJECT (BIOLOGY) - LEVEL II (for Under Graduates only)

No. of Credits: 3

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 9th & 10th Standards Science text books prescribed by Tamil Nadu Government for effective teaching of Biology.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

33B CSC - CONTENT OF SCHOOL SUBJECT (BIOLOGY) - LEVEL II (for Post Graduates only)

No. of Credits: 3

No. of Hours: 60

For PG BOTANY CANDIDATES

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards Botany text books prescribed by Tamil Nadu Government for effective teaching of Botany.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

For PG ZOOLOGY CANDIDATES

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards Zoology text books prescribed by Tamil Nadu Government for effective teaching of Zoology.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

31 E CSC - CONTENT OF SCHOOL SUBJECT (ENGLISH) LEVEL- I (Both for Graduates and Post Graduates)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in LSRW skills by learning the entire content of the present 6th, 7th & 8th Standards English text books prescribed by Tamil Nadu Government for effective teaching of English.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of English.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of English teaching competency for professional enrichment.

32 E CSC - CONTENT OF SCHOOL SUBJECT (ENGLISH) LEVEL- II
(for Under Graduates only)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in LSRW skills by learning the entire content of the present 9th& 10th standards English text books prescribed by Tamil Nadu Government for effective teaching of English.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of English.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of English teaching competency for professional enrichment.

33 E CSC - CONTENT OF SCHOOL SUBJECT (ENGLISH) LEVEL- II
(for Post Graduates only)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in LSRW skills by learning the entire content of the present 11th& 12th standards English text books prescribed by Tamil Nadu Government for effective teaching of English.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of English.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of English teaching competency for professional enrichment.

31H CSC - CONTENT OF SCHOOL SUBJECT (HISTORY) LEVEL- I
(Both for Graduates and Post Graduates only)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 6th, 7th & 8th Standards Social Science text books prescribed by Tamil Nadu Government for effective teaching of History.

- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of History.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

32H CSC - CONTENT OF SCHOOL SUBJECT (HISTORY) LEVEL- II
(for Under Graduates only)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 9th& 10th Standards Social Science text books prescribed by Tamil Nadu Government for effective teaching of History.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of History.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

33H CSC - CONTENT OF SCHOOL SUBJECT (HISTORY) LEVEL- II
(for Post Graduates only)

No. Of Credits: 2

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards History text books prescribed by Tamil Nadu Government for effective teaching of History.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of History.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

31M CSC - CONTENT OF SCHOOL SUBJECT (MATHEMATICS) - LEVEL I

(Both for Graduates and Post Graduates)

No. of Credits: 3**No. of Hours: 60**

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 6th, 7th & 8th Standards Mathematics text books prescribed by Tamil Nadu Government for effective teaching of Mathematics.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Mathematics.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

32M CSC - CONTENT OF SCHOOL COURSE (MATHEMATICS) - LEVEL II

(for Under Graduates only)

No. of Credits: 3**No. of Hours: 60**

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 9th& 10th Standards Mathematics text books prescribed by Tamil Nadu Government for effective teaching of Mathematics.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Mathematics.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

33M CSC - CONTENT OF SCHOOL SUBJECT (MATHEMATICS) - LEVEL II

(for Post Graduates only)

No. of Credits: 3

The student-teacher

No. of Hours: 60

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards Mathematics text books prescribed by Tamil Nadu Government for effective teaching of Mathematics.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Mathematics.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

31P CSC - CONTENT OF SCHOOL SUBJECT (PHYSICAL SCIENCE) - LEVEL I

(Both for Graduates and Post Graduates)

No. of Credits: 3

The student-teacher

No. of Hours: 60

- a) develops a complete mastery in learning the entire content of the present 6th, 7th & 8th Standards Science text books prescribed by Tamil Nadu Government for effective teaching of Physical Science.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Physical Science.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

32P CSC - CONTENT OF SCHOOL SUBJECT (PHYSICAL SCIENCE) - LEVEL II
(for Graduates only)

No. of Credits: 3

No. of Hours: 60

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 9th & 10th Standards Science text books prescribed by Tamil Nadu Government for effective teaching of Physical Science.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Physical Science.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

33P CSC - CONTENT OF SCHOOL SUBJECT (PHYSICAL SCIENCE) - LEVEL II
(for Post Graduates only)

No. of Credits: 3

No. of Hours: 60

For PG CHEMISTRY CANDIDATES

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards Chemistry text books prescribed by Tamil Nadu Government for effective teaching of Chemistry.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Chemistry.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

For PG PHYSICS CANDIDATES

The student-teacher

- a) develops a complete mastery in learning the entire content of the present 11th& 12th Standards Physics text books prescribed by Tamil Nadu Government for effective teaching of Physics.
- b) prepares themselves for appearing the subject related competitive exams.
- c) familiarizes in preparing subject related instructional materials for effective teaching of Physics.
- d) frames various types of assessment questions based on the book back evaluation exercises.
- e) determines the strategies of planning and upgrades their level of teaching competency for professional enrichment.

COURSE OBJECTIVES

B.Ed – (2022 - 2024 BATCH)

(Fourth Semester)

41 PEC - CRITICAL ASPECTS OF INDIAN EDUCATION

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: acquire knowledge about the Education in Indian Constitution
- CO 2: recall the Education Commissions and Policies in India.
- CO 3: develop an awareness on issues of Education and Policy Initiatives in India.
- CO 4: recognise the Indian Statutory bodies and organisation in Education.
- CO 5: explore the contemporary reforms in Indian Education.
- CO 6: develop social sensitivity and foster professional competence in Indian Education.

42 PEC - GENDER SCHOOL AND SOCIAL CHANGE

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 13: understand the concept of gender roles in society.
- CO 14: comprehend the gender identity and socialization process.
- CO 15: identify gender roles in textbooks and curriculum.
- CO 16: discuss safety of girls and women at school, home and workplace.
- CO 17: understand the representation of gender in various mass media.
- CO 18: foster gender based education to achieve quality higher education.

43 PEC - CREATING AN INCLUSIVE SCHOOL

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: acquire the concept and meaning of inclusive education
- CO 2: understand diverse needs of children in inclusive educational settings
- CO 3: develop critical understanding of the initiatives taken towards inclusive education in India
- CO 4: analyse the management process of inclusive learning environment.
- CO 5: develop the role of inclusive teacher in the formation of inclusive classroom.
- CO 6: excel in identifying social sensitivity and creating inclusive atmosphere in their profession.

41B CPC-PEDAGOGY OF BIOLOGICAL SCIENCE– PART: III

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: evaluate the role of Biology in the national development.
- CO 2: develop skills related to maintenance of Biology laboratory for better instruction.
- CO 3: analyse and apply Science education strengthening instructional methods in their profession.
- CO 4: apply the instructional e-resources for effective teaching.
- CO 5: acquaint themselves with teacher effectiveness evaluation for effective profession.
- CO 6: foster in incorporating academic excellence, professional values in teaching of Biology.

41E CPC - PEDAGOGY OF ENGLISH – PART: III

No. Of Credits: 3

No. of Hours: 60

Objectives:

The student teachers will be able to

- CO 1: gain acquaintance with the skill of reading
- CO 2: obtain expertise in varied writing skills
- CO 3: develop fluency in English
- CO 4: acquire knowledge about different types of writing
- CO 5: learn various concepts in English
- CO 6: ascertain their holistic development in teaching English.

41H CPC - PEDAGOGY OF HISTORY - PART:III

No. of Credits: 3

No. of hours: 60

Objectives:

The student-teachers will be able to

- CO 1: realize the need for the professional growth of History Teachers
- CO 2: apply appropriate methods of teaching current affairs
- CO 3: appreciate the indispensable role of e-learning resources in preparing and teaching History
- CO 4: acquire the knowledge of need for national integration and world peace
- CO 5: familiarize with the significance of historical research

41 M CPC - PEDAGOGY OF MATHEMATICS - PART: III

No. of Credits: 3

No. of Hours: 60

Objectives:

The student teachers will be able to

- CO 1: acquire knowledge about different individualized techniques of teaching Mathematics.
- CO 2: develop the skill in different group techniques of teaching Mathematics.
- CO 3: identify various equipments and aids for Mathematics laboratory.
- CO 4: know the various resources available for teaching and learning Mathematics.
- CO 5: understand the different strategies for handling slow learners in Mathematics.
- CO 6: sense the enrichment programs needed for gifted learners in Mathematics.

41P CPC - PEDAGOGY OF PHYSICAL SCIENCE- PART III

No. of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: identify the developments taken place in physical science
- CO 2: compare the various approaches in learning physical science
- CO 3: demonstrate the appropriate model of teaching in physical science
- CO 4: relate the various process skills in teaching physical science
- CO 5: aware about professional development of physical science teacher
- CO 6: build the professional values such as values of honesty, integrity, cooperation and concern for life.

42 CPC - SCHOOL MANAGEMENT AND ADMINISTRATION

No. Of Credits: 3

No. of Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: develop essential skills, competencies and values needed for effective school leadership and management
- CO 2: acquire knowledge about Educational Administration
- CO 3: understand the importance of educational and institutional planning
- CO 4: familiarize various administrative Leadership in Education
- CO 5: acquaint with Educational Supervision and Inspection
- CO 6: manage a conducive learning environment for academic excellence in education

41 VAC - VALUES AND PEACE EDUCATION

No. of Credits: 3

No. of. Hours: 60

Objectives:

The student-teachers will be able to

- CO 1: understand values and sources of values.
- CO 2: analyse evil practices and comprehend fostering values through different agencies.
- CO 3: acquire knowledge about the concept of Peace Education.
- CO 4: discuss the ways of promoting the culture of peace.
- CO 5: develop skills and techniques needed to teach value education.

44 VAC - RESEARCH IN EDUCATION (ELECTIVE)

No. of Credits: 3

No. of. Hours: 60

Objectives:

The student-teachers will be able to

- CO 10: define the concept Research as a process of acquisition of knowledge
 - CO 11: explain the foundations of Educational Research
 - CO 12: identify the sources of Educational Research problems
 - CO 13: know the different types of variables in Research
 - CO 14: formulate the different types of hypotheses
 - CO 15: understand various sampling techniques
 - CO 16: acquire knowledge of various scales available for measurement in Educational Research
 - CO 17: gain information on various tools and techniques of Research
 - CO 18: refine Research skills needed for their professional competency
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ADD ON COURSE

COUNSELLING AND PSYCHOTHERAPY

The student-teachers will be able to

- CO 1: introduce the students to the counseling strategies used in the context of School, Workplace, Marriage and Family.
- CO 2: impart knowledge and skills required for diagnosis of counseling and other related fields.
- CO 3: introduce the students about counseling strategies used in the context of Abuse, Addiction, Suicide and Disability Counseling.
- CO 4: discuss various issues related to developmental and other disorders.
- CO 5: understand the role of psychotherapy and other therapies to treat mental illness.
- CO 6: inculcate counseling and psychotherapy in the curriculum to foster awareness about counseling psychology to achieve excellence in education.

INSTITUTIONAL MANAGEMENT

The student-teachers will be able to

- CO 1: understand the various dimensions of Educational Institution Management.
- CO 2: comprehend the principles of management and their relevance to Educational Management.
- CO 3: resolve the Management issues in an Educational Institution.
- CO 4: apply change Management strategies in an Educational Institution.
- CO 5: know the various aspects of Time and Stress Management.
- CO 6: excel in the management of institutions.

COMMUNICATIVE ENGLISH

The student-teachers will be able to

- CO 1: develop communication skills in English [L, S, R, W].
- CO 2: understand directions and instructions to respond appropriately.
- CO 3: speak intelligibly and fluently in simple English.
- CO 4: acquire the ability to skim and scan tests and comprehend the material.
- CO 5: write grammatically correct English and make notes and summaries.
- CO 6: excel in English communication.

HUMAN RESOURCE MANAGEMENT

The student-teachers will be able to

CO 1: comprehend the Knowledge on Human Resource Management

CO 2: analyse the process of Recruitment and Selection

CO 3: explore the need of Training and Career Management

CO 4: critically evaluate the steps in Planning and Performance Management

CO 5: synthesis Organizational Development

CO 6: excel in the management of human resource
