

# **ST. THOMAS COLLEGE OF TEACHER EDUCATION, PALA, KERALA**

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

## **TWO YEAR MASTER OF EDUCATION (M.Ed)**

### **PG CREDIT AND SEMESTER SYSTEM WITH GRADING**

(w. e. f. July, 2019)

#### **PROGRAMME OUTCOMES**

1. Crystal clear knowledge about the pedagogical sciences.
2. Attain sound foundations of the multi-dimensional bases of teacher education.
3. Be equipped with innovative talents in the art and science of teaching.
4. Acquire specific skills related to lifelong learning, teaching, and research.
5. Be fortified with abilities to transact soft skills and life skills in professional life.
6. Be conversant with up-to-date information in the discipline of education.
7. Harness ICT and technological developments for educational practice, professional empowerment and constructive life.
8. Be groomed as professionals in teacher education, as specialised personnel/leaders in different walks of life, and as social engineers.
9. Be inspired to broaden their horizons and nurture social responsibility.

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### **COURSE OUTCOMES**

#### **SEMESTER I**

#### **CORE COURSES**

##### **ADVANCED PHILOSOPHY OF EDUCATION**

###### **Course Outcomes**

1. Gain understanding of the philosophical origin/basis of education and its application for the enhancement of educational quality.
2. Be exposed to the concepts of philosophical inquiry and use them as a basis to all their educational endeavours.
3. Understand the reality of ultimate human concerns and the contributions of philosophy in providing a base to them and develop capabilities for conceptual analysis of various issues in the society from philosophical perspective.
4. Develop a philosophical outlook for their personal life situations and in the handling of the problems related to educational issues.
5. Become aware of the contributions of the important philosophical schools to the theory and practice of education.
6. Realize the value basis of education, human rights problems and concerns of life and implement it at life situations.
7. Get acquainted with the process of validating information in different disciplines and learn to use the knowledge as application to education.
8. Get acquainted with the major Philosophical systems/schools and use them to recognize issues that need understanding from ethical, epistemic, aesthetic and political perspectives and their implications for education.
9. Analyse critically postulates and vision of great thinkers and their educational implications.
10. Develop a deeper understanding of the major modern movements in educational philosophies in the West and in India.
11. Develop the capacity to do independent thinking and a deeper insight into the philosophical roots and educational problems.
12. Get stimulated to have their own independent and consistent view-point of a philosophy— which enable them to make effective decisions on educational problems or issues.

## **ADVANCED EDUCATIONAL PSYCHOLOGY: LEARNING AND DEVELOPMENT**

### **Course Outcomes**

1. Explore basic psychological concepts and approaches of educational psychology and research process in psychology.
2. Understand the basic concepts, principles and theories of educational psychology.
3. Understand the implications of psychological theories and principles in learning and instruction.
4. Critically evaluate the relevance of various theories.
5. Develop scientific attitude and research competency.

## **INTRODUCTION TO EDUCATIONAL RESEARCH AND STATISTICS**

### **Course Outcomes**

1. Understand the meaning of research and its application in the field of education.
2. Understand the types and methods of educational research.
3. Develop the skill in selecting a relevant research problem.
4. Prepare a research proposal.→
5. Develop the ability to critically analyse the research studies.
6. Develop the ability to formulate hypothesis.
7. Understand and use descriptive statistical techniques in education

## **TRENDS, ISSUES, INNOVATIONS AND RESEARCH IN TEACHER EDUCATION**

### **Course Outcomes**

1. Understand the concept of development of teacher education understand the concept of pre-service teacher education
2. Comprehend the agencies for imparting pre-service education
3. Understand curricular aspects of teacher education
4. Comprehend the concept of In-service education
5. Comprehend the agencies for imparting in-service education
6. Understand the trends of research in teacher education

## **ICT AND SKILL DEVELOPMENT**

### **Course Outcomes**

1. Understand ICT and to apply it in the educational settings.
2. Acquire the skill of using computer lab and smart classrooms.
3. Familiarise various web tools for class rooms.
4. Provide an opportunity for prospective teachers to learn communication skills and practice them in real settings.
5. Acquaint with relevant writing skills and understand the way of academic writing.
6. Acquaint with different skills for self-development.

**SEMESTER II**  
**CORE COURSES**

**PERSPECTIVES ON EDUCATION STUDIES**

**Course Outcomes**

1. Develop understanding about education as a discipline and field of study.
2. Analyse education in the context of social phenomena and social practice.
3. Appreciate education as a discipline in terms of the theoretical, practical and application elements.
4. Examine the vision of education in India reflected in the policies and programmes of government.
5. Comprehend the performance appraisal of higher education institutions and the conduct of quality analysis in educational institutions.
6. Critically examine the pivotal issues of contemporary India and to prepare action plans.
7. Comprehend the educational ideas of seminal thinkers with respect to the vision and mission of education.
8. Critically evaluate the problems and prospects of international initiatives and national policies in the present context.

**HISTORY, SOCIOLOGY AND POLITICAL ECONOMY OF EDUCATION**

**Course Outcomes**

1. Develop understanding about education as a social process.
2. Analyse education in the context of creating a humane society.
3. Appreciate the role of education in modernisation, social reconstruction and sustainable development.
4. Critically examine the role of education in protecting human rights and combating social evils.
5. Comprehend the educational vision of the Constitution of India.
6. Critically examine the pivotal social, political and economic issues of contemporary India.
7. Develop abilities to make comparisons between the pre-independent and post-independent Indian education. encounter the challenges of addictions, consumerism, superstitions, abuses, discriminations and inequalities in society.
8. Develop an insight and prepare action plans to tackle the contemporary issues in Indian education.

## **ADVANCED EDUCATIONAL PSYCHOLOGY: INDIVIDUAL DIFFERENCES**

### **Course Outcomes**

1. Understand the basic concepts, principles and their theories related to individual differences.
2. Understand the implications of theories of personality and intelligence.
3. Evaluate the relevance of various theories.
4. Develop scientific attitude and research competency.

## **ADVANCED EDUCATIONAL RESEARCH AND STATISTICS**

### **Course Outcomes**

1. Develop the ability to select appropriate design for a research study.
2. Understand the meaning and techniques of sampling.
3. Understand the characteristics and use of different tools and techniques for data collection.
4. Develop the skill in selecting appropriate inferential statistics in educational research.
5. Understand normal probability distribution and its uses.
6. Develop skill in analysing and interpreting the data collected for educational research.
7. Draw generalizations on the basis of a research study.
8. Acquaint with the preparation of dissertation

## **CONTEXT AND ISSUES OF ELEMENTARY EDUCATION**

### **Course Outcomes**

1. Develop an understanding about elementary education and its allied concepts.
2. Analyse the feeder programmes of elementary education in the context of India.
3. Examine the history, vision and development of elementary education in pre-independent and post-independent India.
4. Critically examine the role of different regulatory and monitoring agencies of education at national, state and regional levels.
5. Comprehend the institutions, structures and initiatives for elementary education in India.
6. Critically examine the pivotal issues of contemporary India with respect to Elementary Education and to prepare action plans.
7. Comprehend the curriculum and evaluation in elementary education.
8. Critically evaluate the international trends, national initiatives and national policies in elementary education in the present context.

## **SEMESTER III**

### **SPECIALISATION ELECTIVE COURSES**

#### **GUIDANCE AND COUNSELLING**

##### **Course Outcomes**

1. acquire knowledge and develop effective skills in guidance and counselling
2. develop interest to enter into the field of guidance and counselling
3. identify the problems in educational setting
4. take initiative in planning and organising various guidance services in educational institutions equip with advanced tools and techniques of guidance and counselling
5. recognize the impact of new technology in guidance and counselling

#### **Environmental Education**

##### **Course Outcomes**

1. Develop comprehensive concept about the scope and importance of environmental education.
2. Acquaint with environmental issues and problems.
3. Be aware of the recent environmental hazards and the plan of action to overcome this in a broad perspective.
4. Provide training in IT enabled strategies for imparting environmental education.
5. Carry out research projects for improving environmental quality and sustainable development.
6. Conduct awareness program and develop an action plan for the public about sustainable development
7. Lead a nature friendly life and promote green living in the society.
8. Develop an attitude to conserve the nature and natural resources.

**SEMESTER IV**  
**CORE COURSES**

**CURRICULUM DEVELOPMENT AND TRANSACTION**

**Course Outcomes**

1. Understand the concept of curriculum and its various determinants explore the process of curriculum development
2. Analyse foundations of curriculum and different areas of curriculum. Check for the theoretical background of curriculum development
3. Reflects on the models, approaches and issues in curriculum development check for the critical evaluation on curriculum and curriculum development
4. Analyse on approaches to curriculum, influencing factors on the effectiveness of curriculum implementation
5. Resolve the purpose of curriculum evaluation and evaluation of curriculum materials. familiarize curriculum planning and organization new trends in curriculum planning. Understand how to select the materials and procedure for curriculum planning and organization
6. Understand the importance of values, individual capacities, economic growth, and problems in curriculum planning and organization
7. Understand curriculum transaction in relation to its requirements, material and process

**CONTEXT AND ISSUES OF SECONDARY AND SENIOR SECONDARY EDUCATION**

**Course Outcomes**

1. Develop understanding about conceptual perspectives of secondary and senior secondary education.
2. Examine the history, vision and development of secondary and senior secondary education in the post- independent India.
3. Critically examine the role of different regulatory and monitoring agencies of education at national, state and regional levels.
4. Comprehend the institutions, structures, and initiatives for secondary and senior secondary in India.
5. Critically examine the issues of contemporary India with respect to secondary and senior secondary education and to prepare action plans.
6. Comprehend the curriculum and evaluation in secondary and senior secondary education.
7. Critically evaluate the international trends in secondary and senior secondary education and the national initiatives and policies in the present context.
8. Analyse the impact of quality enhancement programmes and initiatives at secondary and senior secondary levels and ICT implementation, teacher training and media influence.

## **SPECIALISATION ELECTIVE COURSES**

### **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION – ENGLISH**

#### **Course Outcomes**

1. Understand the key ideologies in learning and teaching a language.
2. Attain the skills of curriculum design and construction in language learning.
3. Understand the psychology of language learning.
4. Gain acquaintance with the modern language pedagogy.
5. Gain acquaintance with the latest trends in assessment and evaluation of language learning.
6. Be able to design and construct online and offline tests.
7. Gain acquaintance with the digital resources in language education.
8. Develop research attitude.
9. Realise the need and importance of Continuing Professional Development

### **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF LANGUAGE EDUCATION – MALAYALAM**

#### **Course Outcomes**

1. Understand the key ideologies in teaching and learning of language
2. Develop an understanding of the nature, scope and functions of language teaching and learning
3. Analyze the application of linguistic, psycho linguistic, socio linguistic, neuro-linguistic theories in language learning
4. Apply the current approaches, methods and innovative techniques in language teaching and learning
5. Equip prospective teacher educators in developing language skills, communication skills,→ teaching skills and study skills
6. Grasp the techniques underlying the designing and administration of various kinds of language tests
7. Attain the skills of curriculum construction and design in a language
8. Adopt and practice instructional strategies for teaching the language and to address the special needs of differently abled children
9. Become equipped in retrieving and incorporating suitable ICT enabled learning resources in a language
10. Explore modern assessment practices that are in vogue in the field of language teaching ensure quality in the continuing professional development of teachers
11. Equip the prospective teacher educators with a positive attitude towards research acquaint themselves with areas of research and various research tools



## **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF MATHEMATICS EDUCATION**

### **Course Outcomes**

1. Understand the key ideologies in learning and teaching Mathematics.
2. Attain the skills of curriculum design and construction in Mathematics learning.
3. Understand the Psychology of Mathematics learning.→ gain acquaintance with the modern Mathematics pedagogy.
4. Gain acquaintance with the latest trends in assessment and evaluation of Mathematics learning.
5. Gain acquaintance with the digital resources in Mathematics Education.→ develop research attitude.
6. Develop positive attitude towards the profession.
7. Realise the need and importance of Continuing Professional Development.
8. Explore avenues of Professional Growth.

## **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SCIENCE EDUCATION**

### **Course Outcomes**

1. Understand the features of Science Education.
2. Explain various considerations for curriculum development.
3. Describe various guiding principles for selection and organisation of learning experiences.
4. Discuss various issues in curriculum development.
5. Develop the skills needed for designing the science curriculum and for developing support materials for curriculum transaction.
6. Understand the need to evaluate curricula and evaluate the same on the basis of different validities.
7. Know about and critically analyse innovative curricular efforts in India and abroad.
8. Understand the diversity of instructional materials, their role, and the need for contextualization in science education.
9. Appreciate the role of co-curricular activities in science education.
10. Understand the Constructivist approach to science instruction.
11. Understand the role of assessment in the teaching-learning process in science.
12. Familiarize with new, innovative trends in assessment.
13. Analyze the issues in Science education pertaining to equity and access, gender, special groups and ethical aspects.
14. Develop understanding of the process of In-service education.
15. Use various methods and techniques for the identification of training needs.
16. Use various techniques for the evaluation of In-service teacher education programmes.

17. Reflect on issues, concerns and problems of teacher in-service education.
18. Appreciate the use of ICT for the professional development of teachers.
19. Appreciate the need for promoting inclusive practice and understanding the roles and responsibilities of all concerned.
20. Prepare a conducive teaching learning environment in varied school settings.
21. Identify and utilize existing resources for promoting inclusive practice.
22. Understand the research findings in science education for improving practices related to Science Education.

## **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF SOCIAL SCIENCE EDUCATION**

### **Course Outcomes**

1. Develop an understanding of the meaning, nature, theoretical imperatives and componential convergence of the concept of social science in relation with education and curriculum.
2. Understand the aims and objectives of teaching social science in the relevance of knowledge of objectives in formulating appropriate methodology of teaching.
3. Understand the principles and techniques of organization of social science curriculum.
4. Understand the nature and importance of inter-disciplinary approaches to teaching social science.
5. Understand the psychological considerations of social science instruction.
6. Use modern instructional strategies and models in the teaching and learning of social science.
7. Understand the nature, scope and use of technology in Social Science education.
8. Identify the various resources for learning social science and use different media, materials and resources for teaching Social Science.
9. Develop competence to construct and administer appropriate assessment tools of evaluation and interpret results.
10. Identify priority areas of research and experimentation in Social Science education.
11. Develop competencies through practical experiences to become an effective teacher educator in social science.

## **ADVANCED METHODOLOGY AND PEDAGOGICAL PRACTICES OF COMMERCE EDUCATION**

### **Course Outcomes**

1. Develop into a prospective teacher to uphold professional quest in varied dimensions.
2. Make sense of the aims and objectives of teaching Commerce.
3. Explore the features of varied instructional approaches, techniques and methods of teaching Commerce.
4. Entwine models of teaching in effectual instructional practices of Commerce education.

5. Gain insight about principles and approaches in designing and organization of Commerce curriculum.
6. Outfit prospective teachers in upcoming skills for effectual teaching in Commerce.
7. Acquaint with practices of feedback mechanisms and online assessment tools
8. Acquaint with concept of techno pedagogy and understand the role of the teacher as a techno-pedagogue.
9. Boost up the levels of teaching competence by synchronizing techno pedagogical content knowledge.
10. Conscientise with the recent research trends in Commerce education