

**Learning Outcomes-based Curriculum Framework  
(LOCF) for Post-graduate Programme**



Name of the Programme:

**Master of Education (M.Ed. Non - CSS)**  
(Syllabus effective from 2022 Admission)

**UNIVERSITY OF KERALA**

2022



*Amrta.N*  
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# **PROGRAMME LEARNING OUTCOME AS STATED IN THE M.Ed CURRICULUM, UNIVERSITY OF KERALA, 2022(M.Ed)**

## **Programme Specific Outcomes (PSO) for M.Ed.**

**PSO 1** Develop professional attitudes, values and interests needed to function as a teacher educator.

**PSO 2** Master the methods and techniques of developing competencies, commitments and performance skills of teachers.

**PSO 3** Explain the nature of issues and problems faced by the state system of education and suggest some innovative remedies or policies solve them.

**PSO 4** Appreciate as well as evaluate the national education policies and provisions made in the plan documents of state and central governments to spread quality education at all levels in the country.

**PSO 5** Gain insight and reflect on the concept and the status of pre-service and in-service teacher education.

**PSO 6** Acquainted with the content, and organisation of pre-service teacher education curriculum, infrastructure and resources needed, and the issues and problems related to teacher preparation.

**PSO 7** Examine the role and contribution of various agencies and regulating bodies in enhancing the quality of teacher education

**PSO 8** Propagate the ways and means to inculcate intellectual, emotional and performance skills among the different categories of learners in order to execute their responsibilities as Global citizens.

**PSO 9** Realize the importance of leadership in education and how it can be Developed

**PSO 10** Imbibe the attitudes and skills required of life-long learners on the present day ICT influenced world

**PSO 11** Acquire the skills required of a consumer and a practitioner of educational research and innovations.

**PSO 12** Acquire skills to design a curriculum for research-embedded instruction.

**PSO 13** Understand and appreciate the research perspective on various practices in teacher education.

## **COURSE OUTCOMES**

**SEMESTER I Course Code: PCS 1 Credits: 4**

**Name of the course: ADVANCED PHILOSOPHICAL AND SOCIOLOGICAL PERSPECTIVES OF EDUCATION**

**Course Outcomes**

**CO1:** Articulate and exemplify basic knowledge of Philosophy and its branches

**CO2:** Philosophize educational actions and interactions

**CO3:** Logically analyze, interpret and synthesize various philosophical principles of the educational process

**CO4:** Develop a philosophical outlook toward educational issues.

**CO5:** Develop critical awareness about the contributions of thinkers to education.

**CO6:** Understand the various functions of the society, elements of the society, social movements, forces and changes and their relations with education.

**CO7:** Develop an insight into the structure and formation of the society and their importance in framing the system of education for the nation.

**CO8:** Understand the role of education as a device for social change, social control, social security and social progress.

**CO9:** Create a mental set for research on various social issues and act as an agent of change.

**SEMESTER I Course Code: TCS 1 Credits: 4**

**Name of the course: CONVERGENCE OF TECHNOLOGICAL IN CLASSROOM : ICT and BEYOND COURSE OUTCOME:**

**CO 1:** Efficiently use ICT tools, software applications, and digital resources in day-to-day teaching-learning situations.

**CO 2:** Understand the use of I C T to make classroom processes more inclusive and address the issue of diverse learning abilities.

**CO 3:** Identify the innovative ICT techniques in the curriculum for fostering significant changes in the processes of instruction and learning.

**CO 4:** Develop a well-articulated perspective on ICTs in education formulated by personal experience and critical examination of resources, curriculum, and educational practice.

**CO 5:** Practice safe and ethical usage of ICT and be aware of the legal ramifications of inappropriate use.

**CO 6:** Create awareness regarding the available web tools and free software that could be successfully integrated into the curriculum.

**CO 7:** Design e-content, online quizzes, and Webquest in the line of meeting individual needs.

**SEMESTER I Course Code: TEC 1 Credits: 4**

**NAME OF THE COURSE: TRENDS AND PRACTICES IN TEACHER EDUCATION  
COURSE OUTCOMES:**

**CO1:** Develop an understanding of the concepts, objectives and principles of Teacher Education

**CO2:** Understand the origin and development of teacher education in India and analyse the various policies and recommendations on teacher education.

**CO3:** Develop abstract awareness about features of teacher education curriculum at different levels, various pedagogical theories, and teacher preparation activities and programmes.

**CO4:** Evaluate the existing practices regarding structure, curriculum and assessment at various levels

**CO5:** Critically analyse the role and contribution of various agencies and professional organizations in streamlining and enhancing quality of Teacher Education

**CO6:** Identify types and strategies of assessment and evaluation in teacher education and analyse decisively various teacher preparation practices.

**CO7:** Acquire the skills required of a practitioner of educational research and innovations in teacher education.

**CO8:** Equip with different trends and innovative models in Teacher Education

**CO9:** Imbibe attitude and skills required of “Life- Long learners” on the ICT influenced world of today and tomorrow

**CO10:** Understand and compare research perspectives in teacher education in Indian and Foreign context and value research culture in teacher education institutions.

**SEMESTER I Course Code: SCS 1 Credits: 4,,**

**NAME OF THE COURSE: ELEMENTARY EDUCATION: CURRICULUM AND MANAGEMENT**

**COURSE OUTCOMES:**

**CO1:** Understand various concepts in elementary education, its objectives, scope and rationale of universalization of elementary education.

**CO2:** Critically analyse the development of Elementary education system in India.

**CO3:** Compare and contrast the India Elementary education system with the elementary education abroad.

**CO4:** Understand the structure of school organization and the management system in elementary education.

**CO5:** Interpret the underlying principles of curriculum development, pedagogy and evaluation in elementary education.

**CO6:** Understand and apply various theories of child development and learning in elementary education.

**CO7:** Describe and discuss the Status, issues and concerns in Elementary Education

**CO8:** Design innovative strategies to enhance the quality of elementary education.

**SEMESTER I Course Code: TCS 1(a) Credit: 1**

**NAME OF THE COURSE: ICT –PRACTICAL**

**COURSE OUTCOME:**

**CO 1:** Understand the various steps involved in the e-content development

**CO 2:** Apply the knowledge of instructional design steps in developing e-content

**CO 3 :** Create different types of e-content

**SEMESTER I Course Code: SDC 1 Credit: 1**

**NAME OF THE COURSE: YOGA PRACTICES**

**COURSE OUTCOMES**

**CO 1:** Secure purity in personal life, self-integrity, integrity with others and with the whole multiple living and non-living realities

**CO 2:** undergo emotional purification and spiritual elevation

**CO 3:** Culture the body so as to make it supple, light but strong and immune to illnesses.

**CO 4 :** Safe keep of the body from all sorts of blocks in its system so that flow of blood, oxygen, water and Prana are maintained optimally and illnesses are kept at bay.

**CO 5 :** Enjoy the flow and fill of Prana in the whole 'body-being' by developing full lung capacity.

- CO 6 :** Practice meditation for peace, tranquility, joy, energy and Yojana.
- CO 7 :** Acquaint with various relaxation techniques.
- CO 8 :** Train in concentration-enhancing practices.
- CO 9 :** Develop a positive, creative, open and happy attitude in general.
- CO 10:** Acquire the ability to channelize one's mental and physical energies at his own will.

**SEMESTER II Course Code: PCS 2 Credits:4**

**NAME OF THE COURSE: ADVANCED EDUCATIONAL PSYCHOLOGY**

**COURSE OUTCOMES:**

- CO1:** Understand the perspectives, approaches and methods of educational psychology
- CO2:** Recognize and conceptualize the advanced theories of learning, and plan and design classroom practices.
- CO3:** Develop the learner potentialities to the maximum extent possible by exploring the various theories and bridging the gap between intellectual competencies and academic excellence.
- CO4:** Familiarise the conceptual applications of cognitive neuroscience in classroom practices.
- CO5:** Understand the theories and implications of personality development
- CO6:** Understand diverse learners and develop skills and competencies to design learning strategies and provide education for diverse learners.
- CO7:** Understand and apply the knowledge of social and positive psychology in bringing equity and social justice to all.
- CO8:** Familiarize the trends and practices in Educational Psychology

**SEMESTER II Course Code: TCS 2 Credits:4**

**NAME OF THE COURSE: FUNDAMENTALS OF EDUCATIONAL RESEARCH AND STATISTICS**

**COURSE OUTCOMES**

- CO 1-** Understand the meaning, need, significance and types of research in education.
- CO 2-** Classify and compare the characteristics of different types of research
- CO 3-** Analyse the ethical issues while conducting the research
- CO 4-** Apply the elements of educational research to sharpen the research problem
- CO 5-** Identify the apt strategies of educational research for a particular research problem
- CO 6-** Draw valid generalisations after reviewing related research
- CO 7-** Conceptualise the meaning, purpose and different techniques of sampling
- CO 8-** Understand the need and importance of statistics in educational research
- CO 9-** Apply basic statistical techniques for preliminary analysis of data

**SEMESTER II Course Code: SCS 2 Credits:4**

**NAME OF THE COURSE: SECONDARY/SR.SECONDARY EDUCATION:  
CURRICULUM AND MANAGEMENT**

**COURSE OUTCOMES:**

**CO1:** Understand the conceptual framework of secondary and senior secondary school education

**CO2:** Understand the structural and hierarchical organization and management system of secondary and senior secondary education

**CO3:** Examine informal, formal, and non-formal education providers

**CO4:** Analyse the issues in secondary education with regard to equality of educational opportunities.

**CO5:** Predict the challenges faced by secondary education for effective Inclusive educational practices

**CO6:** Compare the Instructional support system by analysing its challenges and problems

**CO7:** Illustrate the theoretical framework of curriculum planning and development in the secondary education system

**SEMESTER II Course Code:PCS 2(a) Credit:1**

**NAME OF THE PROGRAMME: EDUCATIONAL PSYCHOLOGY PRACTICAL  
COURSE OUTCOMES:**

**CO1:** understand procedures of scientific reasoning and develop knowledge in interpreting psychological phenomena

**CO2:** understand the ways of functioning and maintenance of psychological instruments and apparatus in the psychology lab

**CO3:** develop a rationale for the mechanisms behind psychological phenomena

**CO4:** perform the given experiments and record them

**CO8:** Examine the strategies and concerns of secondary and senior secondary education with regard to curriculum evaluation

**CO9:** Describe ways and means of effective transaction of curriculum

**CO10:** Analyse the key elements of techno pedagogical practices integrated with secondary and senior secondary education

**CO11:** Apply varied dimensions of Instructional Support Systems for pedagogic practices

**CO12:** Analyse programme evaluation practices in the secondary and senior secondary education system.

**SEMESTER II Course Code: SDC 2 Credit:1**

**NAME OF THE COURSE: WORKINGWITHCOMMUNITY  
COURSE OUTCOMES:**

**CO 1:** To gain knowledge about the primary method of social work practice with communities.

**CO 2:** To understand the techniques and approaches of social work practice with communities.

- CO 3:** To acquire the skill of working with communities.
- CO 4 :** To develop insight and attitude towards social problems
- CO 5 :** To develop an understanding of Disasters and Disaster Management
- CO 6 :** To gain knowledge of various disaster management strategies
- CO 7 :** To learn the international and national policies and institutional mechanisms in disaster services
- CO 8 :** To introduce various disasters that have occurred in India and their management
- CO 9 :** To study the role of Social Work Practice in Disaster management.

**SEMESTER III Course Code: PCS 3 Credits: 4**

**NAME OF THE COURSE: CURRICULUM DEVELOPMENT IN 21<sup>ST</sup>**

**CENTURY LEARNING CONTEXT**

**COURSE OUTCOMES:**

- CO1:** Articulate and exemplify basic knowledge of the social context of curriculum change
- CO2:** Understand the philosophical, social and ethical implications of curricular policies and Decisions
- CO3:** Identify the main features of Wardha scheme of Education or Basic Education (Nai Talim)
- CO4:** Develop skills in devising experiential learning by applying Nai Talim for productive learning at all levels of education
- CO5:** Understand the different dimensions of curriculum changes
- CO6:** Evaluate curriculum development in the light of diverse social perspectives on knowledge and learning
- CO7:** Develop skills in framing local curriculum with respect to the national/state frame works for subjects of teaching
- CO8:** Understand issues, trends, and researches in the area of curriculum and the process of curriculum evaluation
- CO9:** Develop research insight for curriculum development in various levels
- CO10:** Appreciate the need for continuous Curriculum renewal.

**SEMESTER III Course Code: TCS 3 Credits: 4**

**NAME OF THE COURSE: ADVANCED EDUCATIONAL RESEARCH AND STATISTICS**

**COURSE OUTCOMES**

- CO 1-** Describe the characteristics of different tools and techniques for data collection
- CO 2-** Design and develop appropriate tools for research
- CO 3-** Prepare a dissertation and evaluate a research report based on specific norms and criteria
- CO 4-** Identify and adopt appropriate inferential statistics for data analysis
- CO 5-** Interpret the results obtained through different techniques of analysis of data
- CO 6-** Draw generalisations on the basis of the results of the research study
- CO 7-** Understand and apply various statistical software to analyse the data.

**SES1: ADVANCED METHODOLOGY IN CLASSROOM PRACTICES**

**SEMESTER III Course Code: SES 1.a. Credits: 4**

**NAME OF THE COURSE: ADVANCED MATHEMATICS EDUCATION**

**COURSE OUTCOMES:**

**CO1:** To understand the nature of the discipline of Mathematical science In the light of its historical and philosophical background.

**CO2:** To understand the latest theoretical and practical considerations in developing n curriculum as part of education for development.

**CO3:** To understand the trends, approaches, theories and strategies in mathematics education.

**CO4:** To acquaint various technological inputs in mathematics education. To design and practice instructional strategies and techniques in mathematics education based upon modern innovative approaches and practices.

**CO5:** To practice formative and summative comprehensive evaluation of pupil performance using appropriate tools and techniques.

**CO6:** To identify relevant problems leading to research studies in mathematics education and designing and executing an appropriate research project.

**SEMESTER III Course Code: SES 1 .b Credits: 4**

**NAME OF THE COURSE: ADVANCED SCIENCE EDUCATION**

**COURSE OUTCOMES:**

**CO1:** Articulate and exemplify basic knowledge of the latest theoretical and practical considerations in developing science curriculum as part of education for development.

**CO2:**Acquire the skill of developing curriculum modules to acquaint various technological inputs in science education.

**CO3:** Design and practice instructional strategies and techniques of science education based on modern innovative approaches and practices

**CO4:** Practice formative, summative and comprehensive evaluation of pupil performance using appropriate tools and techniques.

**CO5:** Develop tools for evaluating cognitive, affective, and psychomotor competencies.

**CO6:** Identity relevant problems leading to research studies in science education and design and execute appropriate research project

**SEMESTER III Course Code: SES 1 .c Credits: 4**

**NAME OF THE COURSE: ADVANCED ENGLISH LANGUAGE EDUCATION**

**COURSE OUTCOMES**

**CO 1:**Understand the key ideologies in teaching and learning of language

**CO2 :** Develop an understanding of the nature, scope and functions of language teaching and learning

**CO 3:** Analyze the application of linguistic, psycho linguistic, socio linguistic, neurolinguistic theories in language learning

**CO4 :** Apply the current approaches, methods and innovative techniques in language teaching and learning

- CO 5:** Equip prospective teacher educators in developing language skills, communication skills, teaching skills and study skills
- CO 6:** Grasp the techniques underlying the designing and administration of various kinds of language tests
- CO7 :** Attain the skills of curriculum construction and design in a language
- CO 8:** Adopt and practice instructional strategies for teaching the language and to address the special needs of differently abled children
- CO 9:** Become equipped in retrieving and incorporating suitable ICT enabled learning resources in a language
- CO 10:** Explore modern assessment practices that are in vogue in the field of language teaching
- CO 11:** Ensure quality in the continuing professional development of teachers
- CO 12:** Equip the prospective teacher educators with a positive attitude towards research
- CO 13:** Acquaint themselves with areas of research and various research tools

**SEMESTER III Course Code: SES 1 .c Credits: 4**

**NAME OF THE COURSE: ADVANCED ENGLISH LANGUAGE EDUCATION  
COURSE OUTCOMES**

- CO 1:** Understand the key ideologies in teaching and learning of language
- CO2 :** Develop an understanding of the nature, scope and functions of language teaching and learning
- CO 3:** Analyze the application of linguistic, psycho linguistic, socio linguistic, neurolinguistic theories in language learning
- CO4 :** Apply the current approaches, methods and innovative techniques in language teaching and learning
- CO 5:** Equip prospective teacher educators in developing language skills, communication skills, teaching skills and study skills
- CO 6:** Grasp the techniques underlying the designing and administration of various kinds of language tests
- CO7 :** Attain the skills of curriculum construction and design in a language
- CO 8:** Adopt and practice instructional strategies for teaching the language and to address the special needs of differently abled children
- CO 9:** Become equipped in retrieving and incorporating suitable ICT enabled learning resources in a language
- CO 10:** Explore modern assessment practices that are in vogue in the field of language teaching
- CO 11:** Ensure quality in the continuing professional development of teachers
- CO 12:** Equip the prospective teacher educators with a positive attitude towards research
- CO 13:** Acquaint themselves with areas of research and various research tools.

**NAME OF THE COURSE: ADVANCED MALAYALAM LANGUAGE EDUCATION  
COURSE OUTCOMES:**

- CO1:** Articulate and exemplify basic knowledge of language learning and application in teaching context
- CO2:** Become equipped in incorporating ICT enabled learning resources in language learning
- CO3:** Practice the instructional strategies to address the special needs of differently abled students

- CO4:** Explore modern evaluation practices in language learning  
**CO5:** Equip the prospective teacher educators with a positive attitude towards research  
**CO6:** Analyse the application of various theories in language learning.

**SEMESTER III Course Code: SES 1.i Credits: 4**

**NAME OF THE COURSE: ADVANCED SOCIAL SCIENCE EDUCATION**

**COURSE OUTCOMES**

- CO 1-** Understand the relevance of epistemological frameworks in Social Science.  
**CO2-** Apply theories of Weber, Ikeda while transacting curriculum.  
**CO4** Prepare Social Science curriculum relevant to the 21<sup>st</sup> century knowledge society.  
**CO5** Distinguish between relevant psychological theories – behaviorist, cognitivist and constructivist.  
**CO6** Prepare learning modules.  
**CO7** Identify and adopt appropriate evaluation tools.  
**CO8** Interpret the results obtained and plan feedback.  
**CO9** Undertake action research in relevant Social Science areas.  
**CO10** Apply research findings while dealing with Social Science issues.  
**CO11** Identify and apply the potential of technology for the betterment of Social Science instruction.  
**CO12** Design and develop E- content learning material.

**SEMESTER III Course Code: TCS 3(a) Credit: 1**

**NAME OF THE COURSE: EDUCATIONAL STATISTICS PRACTICAL**

**COURSE OBJECTIVES**

- CO1:** To apply knowledge of research methodology in actual situations  
**CO2:** To familiarize with statistical data analysis using software.

**SEMESTER III Course Code: ITV Credit: 1**

**NAME OF THE COURSE: INSTITUTIONAL TWINNING VISIT**

**COURSE OUTCOMES:**

- CO 1:** Familiarise institution to institution partnerships and peer relationships to gain mutual benefit  
**CO 2 :** Promote professional exchanges and mentoring for the effective sharing of resources  
**CO3 :** Contribute to effectively leverage resources  
**CO4 :** Achieve successful sustainable and productive outcome  
**CO5 :** Participate voluntarily in activities for self and group improvement  
**CO 6:** Adopt best practices in a collaborative way.

**SEMESTER III Course Code: SDC 3 Credit: 1**

**NAME OF THE COURSE: COMMUNICATION AND ACADEMIC WRITING**

**COURSE OUTCOMES**

- To identify various communication styles and differentiate between verbal and non-verbal communication.  
To make use of proper techniques when communicating through speech and writing.  
To improvise on their conversational skills and build up their skills to communicate within a group.  
To make use of strategies for integrating communication with technology.

To identify the barriers which prevent them to be in communication.  
To grasp the meaning and characteristics of genres of Academic Writing.  
To familiarize themselves with different forms of academic writing.  
To acquaint themselves with the stages in academic writing and its structure.  
To prepare different kinds of academic documents using appropriate academic vocabulary and style with ease.  
To utilize relevant material in their writing from reliable online sources.  
To use suggested referencing styles and keep plagiarism at bay.

**SEMESTER III Course Code: SDC 4 Credit: 1**  
**SDC4: GENDER ISSUES: AWARENESS AND MANAGEMENT**  
**COURSE OUTCOMES**

To emerge as citizens who are gender responsive.  
To identify the national and international trends in maintaining gender equality.  
To grasp the impact of globalization on gender issues.  
To familiarize them with the concept of digital gender divide and understand the consequences.  
To Analyze the gender issues and concerns in the education system  
To Analyze the causes of gender inequality  
To realize how education can lead to gender equity.  
To recognize the role of women in the social building process.  
To acquaint themselves with the strategies and techniques that are to bring about gender equality.

**SEMESTER III Course Code: SDC 5 Credit: 1**  
**NAME OF THE COURSE: PRACTICES PROMOTING ECO-FRIENDLINESS**  
**COURSE OUTCOMES:**

To identify the components of ecosystem, resources, pollution and sustainability.  
To internalize the appropriate concepts in their life.  
To understand the age old and time tested cultural values which ensures a sustainable living.  
To understand the various eco-friendly practices that are adopted by individuals and institutions.  
To evolve their own eco-friendly practices incorporating the concept of sustainable Development

**SEMESTER IV Course Code: PCS 4 Credits: 4**  
**NAME OF THE COURSE: FUTURISTIC PERSPECTIVES OF EDUCATION**  
**COURSE OUTCOMES:**

**CO1:** Articulate and exemplify basic knowledge of political, economic and futuristic aspects of education  
**CO2:** Demonstrate the development of democratic outlook in education  
**CO3:** Convince education as a pre-requisite and a tool to accelerate Economic Development  
**CO4:** Evaluate the practices of educational administration, management and governance  
**CO5:** Understand the innovative development in our system and generate skills to address innovative instructional issues

**CO6:**Analyse the strategies and techniques for effective Classroom Management , Human Resource Management, and Materials Management

**CO7:** Generalise Manpower Planning in India

**CO8:** Aware about education in international perspectives.

**SEMESTER IV Course Code: SES 2.6 Credits: 4**

**NAME OF THE COURSE: EDUCATIONAL AND VOCATIONAL GUIDANCE AND COUNSELLING**

**COURSE OUTCOMES:**

**CO1:** Articulate and exemplify basic knowledge of meaning, nature, need and scope of guidance and counseling

**CO2:** Analyse the importance of making right choice in life, education and vocation

**CO3:** Apply different tools and techniques in guidance and counselling programme

**CO4:** Create strategies and utilize techniques of Individual and Group guidance

**CO5:** Understand the role of various personnel in counseling

**CO6:** Organize guidance services in schools

**CO7:** Understand the problems of children with special needs and the techniques to be adopted for them

**CO8:** Evaluate the current status of guidance and counseling programmes in India

**CO9:** Understand the objectives and principles of vocational and career guidance.

**SEMESTER IV Course Code: SDC 6 Credit: 1**

**NAME OF THE COURSE: CAREER DEVELOPMENT COURSE OUTCOMES**

On completion of the course students will be able to:

- Know the nature and importance of career development.
- Identify the different strategies of career development Identify the role of teachers in the career development programme.
- Realise the status of the teaching profession.
- Identify different opportunities of the teaching profession.
- Acquaint themselves with the career development programme.

**SEMESTER IV Course Code: SDC 7 Credit: 1**

**NAME OF THE COURSE: PARTICIPATION IN RURAL RECONSTRUCTION AND SOCIALWELFARE IN COLLABORATION WITH LSG**

**COURSE OUTCOMES**

**CO1:** To gain knowledge about the basic framework of the local community based learning practices to ensure mutual respect for teacher, student and community and creates a sense of community belongingness in the learning space.

**CO2:** To understand Mahatma Gandhi's vision of Nai Talim as well as comparable pedagogic methods like Work Education, Experiential learning and Community Engagement.