### M.ED. PROGRAMME OUTCOMES

After Completion of this Programme, the Prospective teacher educators will be able to:

- PO1: **Social Knowledge:** Apply the knowledge of theory and practice of education to the solution of complex educational Problems.
- PO2: **Problem Analysis:** Identify, formulate, review research literature, and analyse complex educational problems by using the principles of research and research problem.
- PO3: **Design/development of solutions:** Design solutions for complex educational problems that meet the specified needs of learners with appropriate cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex educational problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusion about the various educational issues.
- PO5: **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern IT tools including prediction and modelling to teaching-learning activities with an understanding of the merits and limitations.
- PO6: **The Teacher and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and cultural issues and the consequent responsibilities relevant to the teaching profession.
- PO7: Environment and sustainability: Understand the impact of the professional teaching solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

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- PO8: Ethics: Apply ethical principles, commitment to professional ethics, code of conduct, responsibilities and norms of the teaching profession.
- PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10: Communication: Communicate effectively on complex scholastic and co-scholastic activities with the teaching community and with society at large, such as, being able to comprehend and write effective reports and design documentation and make effective presentations.
- PO11: Project management and finance: Demonstrate knowledge and understanding of the psychological principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

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# M.ED. PROGRAMME SPECIFIC OUTCOMES

After completion of this Programme, the Prospective teacher educators will be able to:

PSO1: demonstrate the competencies of teacher educators.

PSO2: interpret the historical, philosophical and sociological implications of

education.

PSO3: serve as educational psychologists and counsellors.

PSO4: provide constructive feedback to restructure the elementary and

secondary teacher education programmes and teacher preparation

process.

PSO5: Capable of designing and developing curriculum and other learning

resources.

PSO6: demonstrate the research skills by undertaking research projects.

PSO7: realize the values of learner-centered instruction.

PSO 8: actively participate in educational measurement and evaluation

processes.

PSO 9: serve as educational planners, administrators, managers,

supervisors and other positions in the field of education.

PSO 10: provide solutions to educational problems.

PSO 11: suggest measures for effective functioning of various agencies

including the regulatory bodies to enhance the quality of teacher

education.

PSO 12: demonstrate education as a separate discipline.

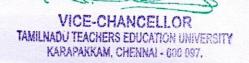
PSO 13: develop capacity of using the information and communication

technologies (ICTs) in teaching-learning process.

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examine the importance of early childhood care and education. PSO 14: PSO 15: realize the importance of education in improving the status of women and addressing their issues. analyze the emerging trends in education for children with special needs. PSO 16: recognize the skills needed to successfully complete the field internship, **PSO 17:** practicum components and dissertation works. REGISTRAR I/c TAMIL NADU TEACHERS EDUCATION UNIVERSITY Registrar's Office KARAPAKKAM, CHENNALL TAMILNADU TEACHERS EDUCATION UNIVERSITY KARAPAKKAM, CHENNAI - 600 097.

### **COURSE OUTCOMES**

### **COURSE CODE: MS1PC1**

#### HISTORICAL AND POLITICAL ECONOMY OF EDUCATION IN INDIA

### After Completing this Course, the prospective teacher educators will be able to:

CO1: recognize the historical development of Indian education.

CO2: analyse the significance of seventh schedule of the Indian constitution In

educating the masses of our country.

CO3: describe the terms of reference various educational committees and

commissions after Indian independence.

CO4: list the salient aspects of National Skill Development Mission.

CO5: demonstrate the relationship between education and economic development.

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#### **COURSE CODE: MS1PC2**

### **ADVANCED EDUCATIONAL PSYCHOLOGY**

#### After Completing this Course, the prospective teacher educators will be able to:

CO1: classify the different schools of psychology

CO2: compare and contrast the strength and weakness of different methods of

psychology

CO3: spell out the biogenic and socio-genic motives and various theories of

motivation CO4: demonstrate the factors influencing self-regulation of the

learners

CO5: exemplify the concepts of intelligence, its theories and measurement CO6:

suggest ways to fostering creativity among the learners

CO7: describe the personality theories and assessment of personality

CO8: apply the different types of mechanisms in

different situations

CO9: acquire skills and competencies in designing and application of psychological

tools and techniques

CO10: debate the strength and weakness of standardized testing.

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### **COURSE CODE: MS1TC1**

#### **BASICS IN EDUCATIONAL RESEARCH**

#### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the different types of research

CO2: demonstrate the appropriate research problem pertaining to his/her dissertation

work

CO3: write the review of literature in accordance with the 7<sup>th</sup>edition of the Manual of

American Psychological Association

CO4: write a research proposal in an effective manner CO5: frame research

questions and objectives

CO6: find relevant sampling techniques in his/her research work

CO7: develop various research instruments and standardize by appropriate methods

CO8: describe the various types of hypotheses and its testing procedures

CO9: conduct case studies and action research independently

CO10: apply various types of scales of measurement.

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# COURSE CODE:MS1TE1 TEACHER EDUCATION IN INDIA: ELEMENTARY LEVEL

### After Completing this Course, the prospective teacher educators will be able to:

CO1: describe the context of elementary education.

CO2: gain knowledge of teacher education in ancient period.

CO3: enumerate the roles and responsibilities of teachers and teacher educators.

CO4: illustrate the concept, objectives, rationale, challenges and extent of success of

teacher education.

CO5: explore the development of elementary education in India since independence.

CO6: reflect on the relevance of strategies and programmes of UEE.

CO7: analyze the various assessment procedures used in elementary education.

CO8: familiarize evaluation in elementary teacher education.

CO9: describe the teacher education system in India.

CO10: grasp the importance of work education, vocational education, fine arts and

crafts education.

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### **COURSE CODE: MS1TE2**

### **TEACHER EDUCATION IN INDIA: SECONDARY LEVEL**

### After Completing this Course, the prospective teacher educators will be able to:

CO1: demonstrate the historical background of secondary teacher education in India.

CO2: analyse the objectives and structure of secondary teacher education.

CO3: explore the commissions and committees' recommendations of secondary

teacher education.

CO4: spell out the role of National level and State Level agencies at secondary level

Education.

CO5: analyze the functioning of various agencies of secondary teacher education.

CO6: identify the emerging major issues and challenges secondary teacher

education.

CO7: assimilate the secondary teacher education curriculum and its transaction

mode.

CO8: realize the importance of preparing special education teachers.

CO9: infer ideas about the National Curriculum Framework (2005) and its aspects.

CO10: undertake the current trends in student 's assessment at secondary level.

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# COURSE CODE: MS2PC3 PHILOSOPHY OF EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the concepts and meaning of philosophy and education.

CO2 : describe the fundamental philosophical domains.

CO3: analyse the Indian schools of philosophy and their educational implications.

CO4 : examine the Western schools of philosophy and their educational implications.

CO5: discuss the educational contributions of Indian and Western thinkers

**COURSE CODE: MS2PC4** 

### **CURRICULUM DESIGN AND DEVELOPMENT**

### After Completing this Course, the prospective teacher educators will be able to:

CO1 : recognize the historical, philosophical, sociological and psychological

foundations of curriculum.

CO2 : summarize the principles of curriculum design and compare three approaches

of curriculum design.

CO3: execute the phases of curriculum development process and interpret the

technical and non-technical models of curriculum.

CO4: demonstrate the curriculum models and types of teaching models.

CO5 : analyse the approaches and models of curriculum evaluation.

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#### **COURSE CODE: MS2TC2**

### **ADVANCED EDUCATIONAL RESEARCH AND STATISTICS**

### After Completing this Course, the prospective teacher educators will be able to:

CO1: demonstrate the process of conducting research.

CO2: select suitable research design for their study.

CO3: discuss the significance of qualitative study in research

CO4: interpret the significance of mixed method of research.

CO5: recognize the steps in action research.

CO6: exemplify the various techniques in collecting, analyzing and interpreting the

quantitative, qualitative and mixed method data.

CO7: apply suitable statistical techniques to analyze the qualitative data.

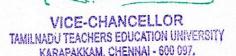
CO8: interpret the analyzed data of the mixed mode research.

CO9: select suitable parametric or non-parametric tests for the data collected.

CO10: write a research report on their own.







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### **COURSE CODE: MS2ST1**

#### PLANNING AND ADMINISTRATION OF EDUCATION:

#### **ELEMENTARY LEVEL**

#### After Completing this Course, the prospective teacher educators will be able to:

CO1 : demonstrate the historical perspectives of elementary education.

CO2: list out the educational role and functions of the central government, state

government and local bodies.

CO3: differentiate the concept of supervision, inspection and administration in the

field of education.

CO4: describe the implications of five-year plans on the development of elementary

education.

CO5: evaluate the effect of different schemes implemented for quality enhancement

of elementary education.

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# COURSE CODE: MS2ST2 PLANNING AND ADMINISTRATION OF EDUCATION: SECONDARY LEVEL

### After Completing this Course, the prospective teacher educators will be able to:

CO1: discuss the meaning, concept and scope of educational administration in India.

CO2 : integrate the role of community in educational administration.

CO3: assess the synchronization of educational planning and Five -Year Plans of

India.

CO4: analyse the difficulties in implementing the RMSA and other state level

initiatives in universalization of school education.

CO5: Infer the relationship between funding and management of school education.

CO6: describe the role of monitoring bodies in implementation of government

schemes for universal school education.

CO7: examine the development process of universalization of school education in

terms of its merits and demerits.

CO8: apply knowledge to resolve the issues among the Centre and State and local

agencies in educational administration.

CO9: Critically evaluate the perspective plans of secondary education in 11th& 12th

Five Year Plan.

CO10: illustrate the conceptual framework of education planning in India.

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### COURSE CODE: MS3PC5 SOCIOLOGY OF EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: describe the scope and functions of Educational Sociology.

CO2: interpret the social system and its impact on Education.

CO3: examine the relationship between education and cultural change.

CO4: analyze the impacts of Liberalization, Privatization and Globalization on

Education.

CO5: discriminate the concept of social equity and equality.

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### **COURSE CODE: MS3PC6**

### **ADVANCED TECHNIQUES OF INSTRUCTION**

### After Completing this Course, the prospective teacher educators will be able to:

CO1: discuss about the Learning Management System.

CO2: prepare content for mobile learning.

CO3: apply mobile learning in the classroom.

CO4: integrate white board in the classroom instruction.

CO5: implement online evaluation in their students.

CO6: develop E – portfolios.

CO7: debate the pros and cons of social media.

CO8: list the online courses pertaining to education.

CO9: gain knowledge on blended learning.

CO10: differentiate hardware and software.

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# COURSE CODE: MS3TC3 EDUCATIONAL MEASUREMENT AND EVALUATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the concept, meaning and nature of measurement and evaluation.

CO2: integrate the relationship between measurement and evaluation.

CO3: acquire knowledge about various tools of measurement and evaluation in

existence.

CO4: develop skills on using psychological test for measurement and evaluation.

CO5: get hands on SPSS to learn various statistical measurement and its analysis.

CO6: demonstrate various competencies in standardizing different types of

measuring instrument.

CO7: familiarize to construct different kinds of tests and tools.

CO8: obtain knowledge on statistical concepts, test scores and its transformation.

CO9: assimilate the new trends in evaluation in terms of grading, semester,

CCE and online test.

CO10: prepare question banks and other self-study materials.

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### **COURSECODE MS3SC1**

### CURRICULUM, PEDAGOGY AND ASSESSMENT: ELEMENTARY LEVEL

### After Completing this Course, the prospective teacher educators will be able to:

CO1 : recognize the basic types of curricula and issues in curriculum alignment.

CO2: Infer the knowledge dimensions and categories of major cognitive processes.

CO3: summarize the Perspectives of Educational Pioneers on Curriculum and

Pedagogy.

CO4: implement the various types of instructional planning and support practices.

CO5: evaluate the students' performance by applying various types of assessment

techniques.

**COURSE CODE: MS3SC2** 

**CURRICULUM, PEDAGOGY AND ASSESSMENT: SECONDARY LEVEL** 

### After Completing this Course, the prospective teacher educators will be able to:

CO1: recognize the various approaches of curriculum theory and practice.

CO2 : generalize the philosophical perspectives of curriculum Orientation.

CO3: summarize the different types of curricula and pedagogy in the perspectives of

educational pioneers.

CO4: demonstrate constructivists view on pedagogy and implement the current

developments across the different levels of secondary curriculum.

evaluate the merit and worth of various assessment techniques and evaluation models in the secondary level classroom context.

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### **COURSE CODE: MS4PC7**

### **EDUCATIONAL STUDIES**

### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the concept of education as a discipline with reference to social,

cultural, political, economic, and technological aspects in knowledge

construction.

CO2: Obtain interdisciplinary knowledge from philosophy, psychology, sociology,

economics, management and ICT for insightful constructive knowledge.

CO3: analyse the socio-cultural concept of India in the light of \_unity in diversity '

by integrating all the stakeholders for equality and quality education to socio-

economically deprived groups with policy of inclusion to learning disabilities.

CO4: explore the multiple school contexts, its management system, challenges,

participation of stakeholders in reconceptualization of learning resources.

CO5: acquire knowledge on various regulatory and advisory bodies and agencies of

education in India and oversees.

CO6: get exposure with best practices by visiting IITs, NITs, IISCs, and other

autonomous universities (Central/State/Deemed) and colleges.

CO7: identify the contemporary issues and challenges in school education and

teacher education in line with UNESCOs Sustainable Development Goals

2030 (SDGs) G4: Equitable and quality education to all.

CO8: assimilate the multilingual and multicultural approaches for teaching diversity.

CO9: apply their novel and critical ideas and concepts for bridging the gap in

constructing knowledge along with skills.

CO10: appreciate the values, ethos, culture and aesthetics in context of India.

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# COURSE CODE: MS4PC8 COMPARATIVE EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the need, scope and history of comparative education.

CO2 : demonstrate the primary and secondary education's aims and methods of

instruction in various countries.

CO3: analyze the role of national and state government on education.

CO4 : explore the comparative education of primary and secondary education of

various countries.

CO5: realize the issues and challenges in primary and secondary education of the

various countries.

CO6: acquire knowledge about the universalization of primary education in India.

CO7: enable to distinct between the primary and secondary education.

CO8: identify the constitutional provisions for comparative education in terms of

oversees.

CO9: analyze the emerging issues and challenges with respect to primary and

secondary education in the global context.

CO10 : explore the determinants of national education with its merits and demerits.

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### **COURSE CODE: MS4TC4**

### ICT ON TEACHING AND LEARNING

#### After Completing this Course, the prospective teacher educators will be able to:

CO1 : develop professional ability in ICT

CO2 : apply the ICT skills in communications

CO3: describe the impact of ICT on learning environments

CO4: prepare the learners in learning

CO5: identify the various educational resources

CO6: integrates ICT in teaching learning process

CO7: differentiate the advantages and disadvantages of ICT in assessment

CO8: administer the test and evaluation by using ICT

CO9: create online community by integrating ICT

CO10 : apply Artificial Intelligence in teaching-learning and assessment process.

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### COURSE CODE: MS4ST3 EARLY CHILDHOOD CARE AND EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: describe the concept, meaning and importance of early childhood care and

education.

CO2 : summarize various developments in early childhood stage.

CO3: implement the various committee recommendations and suggestions in early

childhood care and education.

CO4: describe the implications of planning and management of early childhood care

and education.

CO5: compare various organization contributions in early childhood care and

education.

**COURSE CODE: MS4ST4** 

#### TRENDS IN INDIAN HIGHER EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1: deliberate on the issues related to access and equity in Indian higher education.

CO2: analyse the impact of IR 4.0 on higher education.

CO3: identify the different parameters determining the quality of Indian higher

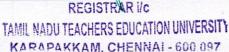
education.

CO4: describe the role of statutory and other bodies in Indian higher education.

CO5 : suggest the means and methods of internationalizing Indian higher education.

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### COURSE CODE: MS4ST5 WOMEN'S EDUCATION

### After Completing this Course, the prospective teacher educators will be able to:

CO1 : recognize the Participation of women in social reform movements

CO2 : examine the Policies related to women's empowerment

CO3: execute the Women's rights

CO4: evaluate the role of Mass media on gender education

CO5: interpret the role of education on women's empowerment

### COURSE CODE:MS4ST6 GUIDANCE AND COUNSELLING

### After Completing this Course, the prospective teacher educators will be able to:

CO1: summarize the basics of guidance and would be able to plan out guidance

programs.

CO2 : describe the nature and procedural aspects of Educational and Vocational

guidance.

CO3: compare the role of counsellors and teacher.

CO4: suggest ways to organize the need based minimum guidance programmes in

schools.

CO5: demonstrate the skills and competencies in carry out individual, group and

career appraisal.

CO6: spell out the strength and weakness of non-standard and standard techniques of

guidance.

CO7: recall the nature of counselling along with the skills and responsibilities of a

counsellor.

CO8: suggest ways to organize counselling sessions.

CO9: analyze the cause-and-effect relationship and possible corrective measures.

CO10: describe the nature of disabilities of the children.

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### COURSE CODE: MS4ST7 EDUCATION FOR DIFFERENTLY ABLED

### After Completing this Course, the prospective teacher educators will be able to:

CO1: identify the educational implications for the students with differently abled.

CO2: gain knowledge about inclusive pedagogy

CO3: acquire knowledge about various level of curriculum accommodate for

students with special needs

CO4: gain knowledge of National Curriculum Framework and its role in inclusion

CO5: apply universal design of learning and use assistive technology for students

with differently abled.

CO6: describe the concept of specific teaching strategies to teach subjects at primary

and secondary level.

CO7: learn the concept of alternative methods of evaluation for students with special

needs.

CO8: apply and utilize the provisions and exemptions for educational evaluation of

students with differently abled.

CO9: plan to accommodate students with special needs in regular inclusive

classroom CO10: develop strategies and teaching practices for teachers to

teach school subjects

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### M.PHIL. PROGRAMME OUTCOMES

#### PROGRAMME OUTCOMES

After completion of the M.Phil. Programme, the Research Scholars will develop:

PO1: demonstrate the research skills by undertaking research Projects.

PO2: capable of using the information and communication technologies (ICTs) in teaching - learning process.

PO3: elucidate the importance of early childhood care and education

PO4: enable the students to explain the conceptual aspects of Guidance and Procedural aspects of guidance services.

PO5: comprehend the concept, meaning and nature of measurement and evaluation.

PO6: train students to learn universal design of learning and differentiated learning instruction to engage learners with special needs.

PO7: understanding the educational policies and programmes.

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# M.PHIL. PROGRAMME SPECIFIC OUTCOMES

PSO1: explain the process of conducting research, apply the techniques in collecting, analysing and interpreting the quantitative, qualitative and mixed method data and able to write a research report on their own.

PSO2: integrates ICT in teaching learning process.

PSO3: explain the concept, meaning and importance of early childhood care and education.

PSO4: describe the basics of guidance and would be able to plan out guidance programmes.

PSO5: comprehend the concept, meaning and nature of measurement and evaluation.

PSO6: gain knowledge about inclusive pedagogy and apply the universal design of learning and use assistive technology for students with differently abled.

PSO7: analyse the historical, philosophical, political and economic background of teacher education in India.

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### **COURSE OUTCOMES**

### **COURSE CODE: MPS1RM**

### ADVANCED EDUCATIONAL RESEARCH METHODOLOGY

### After completing this course, the students will be able to:

CO1: explain the process of conducting research and types of research

CO2: select the suitable method of educational research

CO3: analyse the significance of qualitative study in research

CO4: explain the various techniques in collecting, analysing and interpreting the quantitative and qualitative method data

CO5: Write a research report on their own.

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# COURSE CODE: MPS1EC EARLY CHILDHOOD CARE AND EDUCATION (ECCE)

### After completion of this course, the students will able to:

CO1: explain the concept, meaning and importance of early childhood care and education.

CO2: summarize various developments in early childhood stage.

CO3: describe the types of child rearing practices

CO4: implement the various approaches in early childhoodcare and education.

CO5: compare various organization contributions in early childhood care and education.

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# COURSE CODE: MPS1GC GUIDANCE AND COUNSELING

### After completing this course, the students will be able to:

CO1: understand the basics of guidance and would be able to plan out guidance programs.

CO2: describe the approaches to counseling and counseling for children with special needs.

CO3: differentiate the vocational education and vocationalisation of education and career development

CO4: suggest ways to organize the need based minimum guidance programmes in schools.

CO5: evaluate the guidance programme in schools.

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### COURSE CODE: MPS1TE

### TEACHER EDUCATION

### After completion of this course, the students will be able to:

CO1: trace out the history of teacher education in India; trends, developments and forces that shaped teacher education.

CO2: analyse the various approaches to professional preparation of teachers.

CO3: list the various factors influencing professional development of teachers.

CO4: preparation of self-learning material for B.Ed. students on any identified topic.

CO5: examine the role of various district, regional, national and international Organizations working for the development of teacher education.

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### **COURSE CODE: MPS1DA**

### **EDUCATION OF DIFFERENTLY ABLED CHILDREN**

### After completing this course, the students will be able to:

CO1: critically analyse the various issues related to education of differently abled children

CO2: explore the objectives and procedures of teaching differently abled children

CO3: identify the under achievers and help them to correct deficiencies

CO4: demonstrate the various formal and informal teaching techniques to the differently abled children.

CO5: examine the self-concept and moral development of differently abled children.

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### Ph.D. PROGRAMME OUTCOMES

### PROGRAMME OUTCOMES

After completion of the Ph.D. Programme, the Researchers will be able to:

PO1: identify issues related to education and its related areas.

PO2: generate related sources.

PO3: find answers to research questions through scientific procedures.

PO4: develop competencies in the adoption of methods and technique of educational research.

PO5: develop analytical skill to analyse the data by applying appropriate statistical techniques in connection with educational research.

PO6: evolve policies and practices on the specific area of study.

PO7: disseminate the outcomes of the research to stakeholders.

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KARAPAKKAM. CHENNAI - 600 097



# Ph.D. PROGRAMME SPECIFIC OUTCOMES

PSO1: Choose problems for research in the field of education and its related field.

PSO2: Identify the sources available for the research problems.

PSO3: Identify and use appropriate research tools /instruments to shoot the identified research problems.

PSO4: Collect and collate the required data related to the research field.

PSO5: Interpret the findings and suggest improvements in the relevant field.

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### Ph.D. COURSE OUTCOME

### On successful completion of the course, the researchers will be able to:

CO1: gains knowledge on the Philosophy of Science and ethics.

CO2: develop a sense of honesty and integrity in research.

CO3: realise the importance of publication ethics.

CO4: identify the open access publications.

CO5: adopt positive behaviour on the publication process with right conduct.

CO6: understand the databases and research metrics.

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