



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

TWO-YEAR B.Ed. DEGREE PROGRAMME (SEMESTER PATTERN UNDER CBCS)

PROGRAMME LEARNING OUTCOMES (PLO's) AND COURSE LEARNING OUTCOMES (CLO's) FOR ALL PROGRAMMES OFFERED BY THE INSTITUTION

GRT College of Education places strong emphasis on the integration and communication of Programme Learning Outcomes (PLOs) and Course Learning Outcomes (CLOs) across all programs during the curriculum planning process. These outcomes are formulated to ensure that the educational goals align with the institution's mission and vision, addressing the needs of students and the evolving educational landscape.

GENERAL OBJECTIVES OF THE PROGRAMME

The overall objective of the B.Ed. programme is to produce higher level of manpower such as teachers, teacher educators, principals, educational planners and administrators, educational policy analysts and other kind of experts in the field of education.

Program Learning Outcomes (PLOs) for B.Ed Program

1. **Foundational Knowledge in Education:** Graduates will have a deep understanding of educational principles, psychological theories, pedagogical strategies, and curriculum design.
2. **Pedagogical Expertise:** Apply effective teaching methodologies across various subjects, integrating content knowledge with student-centered instructional strategies.
3. **Assessment and Evaluation Skills:** Develop the ability to assess students' learning outcomes using diverse assessment tools and provide constructive feedback to enhance learning.
4. **Technological Integration:** Demonstrate the ability to integrate emerging educational technologies, such as flipped classrooms, blended learning, and AI, into teaching practice.
5. **Professional Ethics and Values:** Uphold the ethical standards of the teaching profession while promoting inclusion, social justice, and equity in education.
6. **6. Reflective Practice and Lifelong Learning:** Engage in reflective practice and continuous professional development to adapt to the evolving educational landscape.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to

Tamil Nadu Teachers Education University,

Accredited with 'A' Grade by NAAC (2nd Cycle)

Course Learning Outcomes (CLOs) for Specific Courses

SEMESTER – I

EDUCATIONAL PSYCHOLOGY

CO1: acquire knowledge about various methods of psychology

CO2: gain knowledge about the concept of learning and its related theories

CO3: get to know about motivation and its influence on human behaviour

CO4: acquire knowledge about concepts of intelligence and creativity

CO5: familiarize with the concepts and theories of personality

CONTEMPORARY INDIA AND EDUCATION

CO1: identify aims of education and types of education.

CO2: explain the nature of social diversity in India and the role of education in creating
Positive attitude towards diversity

CO3: interpret the issues in contemporary India like industrialization, Universalization of
education and integrated education and inclusive education.

CO4: iInfer about the Language policies during Pre-independent and Post-independent India.

CO5: summarize about equality in constitutional provisions and elimination of social in
equalities through education.

TEACHING AND LEARNING

CO1: generalize the Principles of Language across the Curriculum

CO2: practice Language proficiency skills.

CO3: distinguish the models of curriculum integration.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

CO4: summarize the theories of language learning.

CO5: interpret the language related issues.

LANGUAGE ACROSS THE CURRICULUM

CO1: Generalize the principles of language across the curriculum

CO2: Practice language proficiency skills.

CO3: apprehend the models of curriculum integration.

CO4: Summarize the theories of language learning.

CO5: Interpret the language related issues.

jkpo; fw;gpf;Fk; Kiwfs; - gFjp-1;

CO1: jkpo; nkhopfw;gpj;jypd; Nehf;fq;fisAk; Fwvf;Nfhs;fisAk; fz;lwpjy;

CO2: fw;gpj;jy; jpwd;fspy; Nkk;gl;lgapw;rpapidg; ngWjy;

CO3:fw;gpj;jy; mZFKiwfisf; nfhz;Lghlfw;gpg;Gj; jpl;lk; jahhpf;Fk; jpwd;
ngWjy;.

CO4:gy;NtWfw;gpj;jy; Kiwfisg; gw;wpnjspe;jmwptpidg; ngWjy;.

CO5:fw;gpj;jy; Clfq;fisj; jpwk;glifahSk; jpwd; ngWjy;.

PEDAGOGY OF ENGLISH- I

CO1. analyze the aims and objectives of teaching of English.

CO2. practice micro teaching skills in the class.

CO3. write model lesson plans for teaching a prose and a poetry.

CO4. handle various methods of teaching English.

CO5. analyse the different use of Mass Media in classroom instruction.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

PEDAGOGY OF MATHEMATICS -1

CO1: understand the aims, objectives, need and significance of teaching Mathematics.

CO2: develop appropriate Micro Teaching Skills in Macro teaching.

CO3: prepare a Lesson Plan to teach Mathematics.

CO4: analyze various Teacher Centered Methods and Learner Centered Methods of teaching Mathematics.

CO5: utilize ICT skills for teaching Mathematics.

PEDAGOGY OF PHYSICAL SCIENCE – I

CO1. Examine the need and significance of teaching Physical Science.

CO2. Formulate the instructional objectives of a lesson.

CO3. practice the microteaching skills in Physical Science.

CO4. Interprets various methods of teaching Physical Science.

CO5. analyse and use the resources for teaching Physical Science.

PEDAGOGY OF BIOLOGICAL SCIENCE –I

CO1: examine the Aims and Objectives of pedagogy of economics.

CO2: discuss the ways of planning for instruction.

CO3: analyse the importance of teaching skills.

CO4: construct a lesson plan for teaching economics.

CO5: use the resources for teaching economics.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

PEDAGOGY OF COMPUTER SCIENCE -1

CO1: explain the aims and objectives of teaching Computer Science.

CO2: select and use appropriate teaching skills in their teaching.

CO3: write lesson plans and unit plans on their own.

CO4: develop programmed instruction for the lessons in Computer Science.

CO5: explain the various instructional media to be used in teaching Computer Science.

PEDAGOGY OF HISTORY – I

CO1: describe the need and importance of Teaching History.

CO2: demonstrate the various Teaching skills.

CO3. prepare a Lesson Plan.

CO4. handle various Methods of Teaching History.

CO5. utilize various instructional media in Teaching History.

PEDAGOGY OF ECONOMICS –I

CO1: examine the Aims and Objectives of pedagogy of economics.

CO2: discuss the ways of planning for instruction.

CO3: analyse the importance of teaching skills.

CO4: construct a lesson plan for teaching economics.

CO5: use the resources for teaching economics.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

SEMESTER – II

UNDERSTANDING DISCIPLINES AND SUBJECTS

- CO1: describe the role of disciplines and subjects in school curriculum.
- CO2: explain the development of curriculum with social, political and intellectual contexts.
- CO3: discuss the paradigm shift in selection of content.
- CO4: analyze the advantages of learner centered curriculum.
- CO5: explain the aspects of life-oriented curriculum.

ASSESSMENT FOR LEARNING

- CO1: Gain knowledge of judging and scoring of student performance.
- CO2: Know the principles of assessment practices.
- CO3: Differentiate between the types of assessment.
- CO4: Point out the key issues in classroom assessment.
- CO5: Understand how assessment can be possible in inclusive settings.

ENVIRONMENTAL EDUCATION

- CO1. understand the need for environmental education.
- CO2. name the natural resources and its associated problems.
- CO3. identify the different types of pollution, its impact and management of pollution.
- CO4. appreciate the policies and programmes initiated to protect the environment.
- CO5. analyse the environmental education curriculum.

SCHOOL MANAGEMENT AND ADMINISTRATION

- CO1 :explain the characteristics of various forms of school management.
- CO2 : describe the different management approaches in school management and administration.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

CO3 : demonstrate the salient aspects of various theories of educational administration.

CO4 : spell out the role of a Headmaster and Headmistress in school management.

CO5 : appreciate the role of different agencies that provide financial support for education.

தமிழ் கற்பிக்கும் முறைகள் - பகுதி-2

CO1 : தாய்மொழிக் கல்வியின் சிறப்பினைக் கண்டுணர்தல்.

CO2 : மொழிதிறன்கள் மற்றும் வளங்களில் முழுத்திறனறிவுபெறுதல்.

CO3 : பாடநூல் தயாரித்தலில் கலைத்திட்டத்தின் முக்கியத்துவத்தை உணர்தல்.

CO4 : கற்றலுக்கான அடிப்படை வளங்களைக் கையாளுதல்.

CO5 : புள்ளியியல் அளவைகளைக் கொண்டு சோதனைகளைக் கட்டமைத்தல் மற்றும்

மதிப்பீடு செய்வதில் மேம்பட்ட பயிற்சியினைப் பெறுதல்.

PEDAGOGY OF ENGLISH – II

CO1: analyse the concept of pedagogy, andragogy and heutagogy.

CO2: practise Carl Roger's Non- directive model in a new learning situation

CO3: practise activity- based Instruction concept like Role play, simulation, gaming and prioritising.

CO4: analyse different types of Educational Resources in Classroom learning.

CO5: set achievement test and evaluate English based instruction.

PEDAGOGY OF MATHEMATICS – II

CO1: explain the concept of critical Pedagogy.

CO2: adopt various teaching Models in teaching Mathematics.

CO3: demonstrate Activity Based Instruction and Group Controlled Instruction.

CO4: develop the various Educational Resources for teaching and learning Mathematics.

CO5: analyse the difference between Assessment and Evaluation.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

PEDAGOGY OF PHYSICAL SCIENCE – II

CO1: examine the importance of Critical Pedagogy.

CO2: appreciate the various models of teaching.

CO3: practise Activity Based Instruction in teaching Physical Science.

CO4: analyse and use the resources for teaching Physical Science.

CO5: handle various types of evaluation in teaching Physical Science.

PEDAGOGY OF BIOLOGICAL SCIENCE – II

CO1. examine the importance of Critical Pedagogy.

CO2. appreciate the various models of teaching.

CO3. practise Activity Based Instruction in teaching of biological science.

CO4. analyse and use the resources for teaching biological science.

CO5. handle various types of evaluation in teaching biological science.

PEDAGOGY OF COMPUTER SCIENCE – II

CO1. analyse the concept of Pedagogy, Andragogy and Heutagogy.

CO2. demonstrate Carl Roger's Non- directive model in a new learning situation.

CO3. practise activity-based Instruction concept like Role play, simulation, gaming and prioritising.

CO4. analyse different types of Educational Resources in Classroom learning.

CO5. construct an achievement test and evaluate computer-based instruction.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

PEDAGOGY OF HISTORY– II

CO1: explain the Paradigm shift.

CO2: demonstrate the various teaching models.

CO3. identify activity based and group-controlled instruction.

CO4. establish various resource centres in teaching History.

CO5. generalise multiple assessment tools in teaching and learning.

PEDAGOGY OF ECONOMICS – II

CO1. examine the importance of Critical Pedagogy.

CO2.appreciate the various models of teaching.

CO3.practise Activity Based Instruction in teaching of Economics

CO4.analyse and use the resources for teaching Economics.

CO5.demonstrate various types of evaluation in teaching Economics.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

SEMESTER - III

School Internship

Record Verification & Teaching Learning Assessment - External Evaluation

S.No	Sub. Code	Practicum Components & Online Course	Credits	Marks
PART –A – Assessment of Teaching Competency and Records				
1	A1	Observation Record: Level- I & II	1	20
2	A2	Micro Teaching Record: Level - I & II	1	20
3	A3	Demonstration Record : Level - I & II	1	20
4	A4	Lesson Plan Record: Level - I & II	4	80
5	A5	Instructional Materials Record: Level - I & II	1	20
6	A6	Test and Measurement Record: Level -I & II	1	20
7	A7	Case Study Record	1	20
8	A8	Psychology Practical Record	2	40
9	A9	Environmental Education Record	1	20
10	A10	Students Portfolios and Reflective Journals	1	20
11	A11	Teaching Competency– Level - I & II	6	120
TOTAL –A			20	400
PART –B - EPC-Records				
1	EPC1	1. Reading and Reflecting on Texts	1	20
2	EPC2	2. Drama and Art in Education	1	20
3	EPC3	3. Critical Understanding of ICT	1	20
4	EPC4	4. Understanding the Self	1	20
TOTAL –B			4	80
PART –C – Online Course				
1	ONC	Online Course-SWAYAM (any one course related to Pedagogy/Education/Basic Discipline Skills)	1	20
TOTAL –C			1	20
	BD3PC	Total (A+B+C)	25	500



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

SEMESTER –IV

GENDER, SCHOOL AND SOCIETY

- CO1: discuss the reasons for gender inequalities
- CO2: analyze the gender role and responsibilities in schools
- CO3: integrate gender roles in School and curriculum.
- CO4: debate on preventive measures of Sexual Abuse and Violence
- CO5: explain about the Gender equalities and role of mass media

KNOWLEDGE AND CURRICULUM

- CO1: recognize the types, categories of knowledge.
- CO2: generalize the Principles of Curriculum Development.
- CO3: compare the various Curriculum design and organization of Curriculum.
- CO4: determine the various models of Curriculum.
- CO5: summarize the Evaluation Phases.

CREATING AN INCLUSIVE SCHOOL

- CO1: Explain Various Education programmes for CWSN.
- CO2: Analyse the different Barriers to Inclusive Education.
- CO3: Examines the strategies to build inclusive learning environment in School.
- CO4: Demonstrates the importance of curriculum adaptation.
- CO5: Interprets the common issues and challenges in management of inclusive classroom.



GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209

Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

YOGA, HEALTH AND PHYSICAL EDUCATION

CO1: Apply the aims and objective of yoga in real life situation.

CO2: Analyse the scope of health education and methods of impart health education in schools.

CO3: Infer ideas about the different cause and symptoms of different communicable diseases.

CO4: Analyse the scope, need and importance of physical education.

CO5: Distinguish between intramural and extramural competitions

VALUES AND PEACE EDUCATION

CO1: examine the need and importance of value education

CO2: discuss the ways of fostering values in children.

CO3: analyse the importance of peace education.

CO4: construct the culture of developing peace education.

CO5: use the approaches of value inculcation in children.

HUMAN RIGHTS EDUCATION

CO1: Identify the concept of human rights and list out the components.

CO2: Summarize the duties and responsibilities and explain the Harmony and Conflict.

CO3: Discriminate the various issues related to status of women and compare the Indian and Western countries.

CO4: Relies the societal Problem and apply the knowledge RTE & POSCO Act.

CO5: summarize the problems of enforcement of human rights in India.