

EDU-M-T-6: Educational Technology

DOMKAL GIRLS' COLLEGE
LESSON PLAN DEPARTMENT OF EDUCATION
(2026-2027) B.A. Education (MAJOR)

Semester- V

Name of the Faculty Member	Name of the Units and Topics	Course Code	Number of lectures	Teaching Aids
DR. TULIKA CHAKRABORTY (TC)	Unit-I: Educational Technology a) Meaning, nature, need and scope of Educational Technology b) Technology in Education and Technology of Education c) System Approach in education and curriculum-concept and steps d) Concept of Information Technology, Communication Technology & ICT and their roles in education.	EDU-M-T-6	22	ICT, Blackboard, PPT, Projector, Books, Graph, Video
MD. KAWSAR HOSSAIN (KH)	Unit-II: Classroom Communication and Media used a) Meaning, nature, components, types, and needs of Communication. b) Communication cycle, barriers of classroom communication and strategies of overcoming barriers in communication c) Media used in education: Audio (Radio), Visual (Projector), Audio-visual (TV)- merits and demerits	EDU-M-T-6	18	ICT, Blackboard, PPT, Projector, Books, Graph, Video
DR. KRISHNENDU ROY (KR)	Unit-III: Instructional Technology a) Mass Instructional Technology- Seminar, Panel Discussion, Team Teaching	EDU-M-T-6	9	ICT, Blackboard, PPT, Projector, Books, Graph, Video
MD. ABDUL AZIZ MANDAL (AAM)	Unit-III: Instructional Technology b) Personalized Instructional Techniques- Programmed Instruction- meaning, principles, types, merits and demerits c) Computer and its role in educational instruction (CAI & CMI)	EDU-M-T-6	8	ICT, Blackboard, PPT, Projector, Books, Graph, Video
SAIDUL ISLAM (SI)	Unit-IV: Phases, Levels, and Models of Teaching a) Phases of Teaching: Pre-active, Inter-active & Post-active. b) Levels of Teaching: Memory, Understanding, Reflective.	EDU-M-T-6	13	ICT, Blackboard, PPT, Projector, Books, Graph, Video
SUDIPTA GHOSH NANDI (SGN)	Unit-IV: Phases, levels, and Models of Teaching c) Models of Teaching: Concept, Components, Families, Glaser's Basic Teaching Model, Bruner's Concept Attainment Model.	EDU-M-T-6	10	ICT, Blackboard, PPT, Projector, Books, Graph, Video

Head,
Department of Education,
Domkal Girls' College

PRINCIPAL
Domkal Girls' College
Domkal, Murshidabad

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Teaching Aids

DR. TULIKA CHAKRABORTY (TJ)

EDU-M-T-7

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- Unit-1: Measurement, Assessment and Evaluation in Education
 - a. Measurement- Concept, Scope and Need
 - b. Evaluation - Concept, Scope and Need
- c. Relation among Evaluation, Assessment and Measurement.
- d. Scales of Measurement- Nominal, Ordinal, Interval and Ratio.

ICT,
Blackboard,
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Books, Graph,
Video

MD. KAWSAR HOSSAIN (KH)

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Unit-11: Evaluation Process

- Formative - Concept, Characteristics, Advantages, Limitations.
- Summative - Concept, Characteristics, Advantages, Limitations
- Comparison between Formative & Summative evaluation.

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DR. KRISHNENDU ROY (KR)

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Unit-III: Tools and Techniques of Evaluation
a. Techniques: (Concept, Merits & Demerits)

- Observation

- Self reporting technique
- Projective technique
 - b. Tools:
 - Interview - Concept, Merits & Demerits
 - Questionnaire- Concept, Merits & Demerits
 - Tests- Essay type and Objective type; Short answer type and Oral type.
 - Personality Test- Rorschach Ink Blot Test
 - Interest Test- Kuder Richardson Test

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Unit-II: Evaluation Process
and Criterion Referenced Test- Concept, uses, comparison of system and Credit system- Concept only.

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SAIDUL ISLAM (SI)

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- **Unit-ii: c. Characteristics of a good test:**
 - **Objectivity- Concept, Characteristics, Types of Objective Test vs Subjective test.**
 - **Reliability- Concept, Characteristics, Various types (test-retest and split half), Causes of low Reliability.**
 - **Validity- Concept, Causes of low Validity, Types (Content & Construct), Determination, Norms- Concept, Types and their uses.**

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SUDIPTA GHOSH NANDI (SGN)

EDU-M-T-2

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- Unit-IV: Educational Statistics
 - a. Educational Statistics - Concept, Scope and Need
 - b. Organization and Tabulation of Data- Raw score, frequency distribution table-
 - c. Variable - Concept, Types (Continuous & Discrete)
 - d. Central Tendency (Mean, Median & Mode) - Concept, uses and estimation
 - e. Variability- Measures of Variability and their uses (Concept only)

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DOMKAL GIRLS' COLLEGE LESSON PLAN DEPARTMENT OF EDUCATION (2026-2027) B.A. Education (MAJOR) EDU-MI-T-3: Educational Psychology Semester-V			
Name of the Faculty Member	Name of the Units and Topics	Course Code	Number of Lectures
			Teaching Aids

DR. TULIKA CHAKRABORTY (TC)

Unit-I: Educational Psychology and Developmental aspects of human life
a. Concept, Nature and Scope; Distinction between Psychology and Educational Psychology.
b. Growth and Development: Stages and aspects of development in human life: Physical, Emotional and Cognitive (Piaget's view) development of infancy, Childhood and Adolescence period and respective educational programmes.

EDU-MI-T-3

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ICT, Blackboard,
PPT, Projector,
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MD. KAWSAR HOSSAIN (KH)

Unit-II: Learning
a. Definition and characteristics of Learning; Factors influencing learning
b. Theories of learning and their Implications: Classical and Operant conditioning, Trial and Error.
c. Transfer of Learning: Concept, Types and Strategies for promoting transfer
d. Motivation: Types, factors and Role of Motivation in learning, Maslow's theory of motivation and its educational implication
e. Memorization: Definition, factors, LTM, STM, Strategies for effective memorization. Forgetting- meaning and causes

EDU-MI-T-3

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ICT, Blackboard,
PPT, Projector,
Books, Graph,
Video

SAIDUL ISLAM (SI)

Unit-IV: Personality and Individual differences
a. Definition; Heredity & Environment as determinants of Personality.
f. Type theories (Sheldon, Kretschmer) and Trait theories (Allport, Cattell), Psychoanalytical theory
g. Measurement of Personality- projective test and non-projective test
h. Individual differences – meaning, nature, and implications

EDU-MI-T-3

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ICT, Blackboard,
PPT, Projector,
Books, Graph,
Video

SUDIPTA GHOSH NANDI (SGN)

Unit-III: Intelligence & Creativity
a. Intelligence: Definition; Theories of Intelligence and their implications- Spearman, Thurstone, Guilford and Gardner; Measurement of Intelligence- verbal, non-verbal, and performance test.
b. Creativity: meaning, nature, factors, and nurturing. Brainstorming as a technique.

EDU-MI-T-13

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Name of the Units and Topics

Course Code Number of Lectures Teaching Aids

DOMKAL GIRLS' COLLEGE
LESSON PLAN DEPARTMENT OF EDUCATION
(2026-2027) EDU-MI-T-3: Educational Psychology
Semester- V

DR. TULIKA CHAKRABORTY (TC)

- Unit-I: Educational Psychology and Developmental aspects of human life
- Concept, Nature and Scope; Distinction between Psychology and Educational Psychology.
 - Growth and Development: Stages and aspects of development in human life; Physical, Emotional and Cognitive (Piaget's view) development of Infancy, Childhood and Adolescence period and respective educational programmes.

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Unit-II: Learning

- Definition and characteristics of Learning; Factors influencing learning
- Theories of learning and their implications: Classical and Operant conditioning, Trial and Error.
- Transfer of Learning: Concept, Types and Strategies for promoting transfer
- Motivation: Types, factors and Role of Motivation in learning, Malow's theory of motivation and its educational implication
- Memorization: Definition, factors, LTM, STM, Strategies for effective memorization, Forgetting- meaning and causes

EDU-MI-T-3

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- Creativity: meaning, nature, factors, and nurturing. Brainstorming as a technique.

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Unit-IV: Personality and Individual differences

- Definition; Heredity & Environment as determinants of Personality.
- Type theories (Sheldon, Kretschmer) and Trait theories (Allport, Cattell), Psychoanalytical theory
- Measurement of Personality- projective test and non-projective test
- Individual differences -meaning, nature, and implications

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SAIDUL ISLAM (SI)

DR. KRISHNENDU ROY (KR)

MD. KAWSAR HOSSAIN (KH)

Principal
Domkal Girls' College
Domkal, Murshidabad