

EDU-M-T-6: Educational Technology

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

Semester- V

Name of the Faculty Member	Name of the Units and Topics	Course Code	Number of lectures
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
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
DR. KRISHNENDU ROY (KR)	Unit-III: Instructional Technology a) Mass Instructional Technology- Seminar, Panel Discussion, Team Teaching 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	9
MD. ABDUL AZIZ MANDAL (AM)	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. 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	8
SAIDUL ISLAM (SI)		EDU-M-T-6	13
SUDIPTA GHOSH NANDI (SGN)		EDU-M-T-6	10

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DOMKAL GIRLS' COLLEGE
DEPARTMENT OF EDUCATION
CURRICULUM DISTRIBUTION (2026-2027) U.A. Education (Major)
EDU-M-T-7: Educational Evaluation & Statistics
Semester - V

Name of the Faculty Member	Name of the Units and Topics	Course Code	Number of Lectures
DR. TULIKA CHAKRABORTY (TC)	Unit-I: 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.	EDU-M-T-7	10
MD. KAWSAR HOSSAIN (KH)	Unit-II: Evaluation Process a. Evaluation Process: • Formative - Concept, Characteristics, Advantages, Limitations. • Summative - Concept, Characteristics, Advantages, Limitations • Comparison between Formative & Summative evaluation. 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 • Personality Test- Rorschach Ink Blot Test • Interest Test- Kuder Richardson Test	EDU-M-T-7	10
DR. KRISHNENDU ROY (KR)	Unit-II: Evaluation Process b. Norm-Referenced Test and Criterion Referenced Test- Concept, uses, comparison. c. Grading system and Credit system- Concept only.	EDU-M-T-7	10
MD. ABDUL AZIZ MANDAL (AAM)	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.	EDU-M-T-7	10
SAIDUL ISLAM (SI)	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)	EDU-M-T-7	20
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DOMKAL GIRLS' COLLEGE DEPARTMENT OF EDUCATION CURRICULUM DISTRIBUTION (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

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.

EDU-MI-T-3

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MD. KAWSAR HOSSAIN (KH)

- 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, Maslow'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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SAIDUL ISLAM (SI)

- 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

EDU-MI-T-3

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SUDIPTA GHOSH NANDI (SGN)

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

EDU-MI-T-13

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Name of the Faculty Member

Name of the Units and Topics

Course Code

Number of Lectures

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

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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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, Malow'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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DR. KRISHNENDU ROY (KR)

- Unit-III: Intelligence & Creativity
- a. Intelligence: Definition; Theories of Intelligence - 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-3

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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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