

INSTITUTE FOR ENTREPRENEURSHIP AND CAREER DEVELOPMENT

BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI-620023.

Curriculum Design

Diploma in Montessori Training

Course Duration: 6 Months; Total Marks: 600; Total Credits: 30

S. No.	Course Code	Title of the Course	CIA (Internal)	Theory paper/Practical Marks(External)	Total Marks	Credits
PART-I						
1.	DMTP1T1	Child Development and Montessori Philosophy	40	60	100	5
2.	DMTP1P1	Exercises of Sensorial (School Based Practicum-I)	40	60	100	5
3.	DMTP1P2	Exercises of Practical life(School Based Practicum-II)	40	60	100	5
Total					300	15
PART-II						
1.	DMTP2T1	Pedagogical Aspects and Approaches in Montessori Education	40	60	100	5
2.	DMTP2P3	Exercises of Language and Arithmetic (School Based Practicum-III)	40	60	100	5
3.	DMTP2P4	Exercises of Cultural life(School Based Practicum-IV)	40	60	100	5
Total					300	15

CIA-Continuous Internal Assessment-Marks: 40; Attendance: 10; Assignment: 10;

Internal Mark for Theory and Practical: 20

Theory Paper Marks (External): 60

Exercise of Practical Life: TLM- Teaching Learning Materials; Marks: 40;

Practical Activity (External Marks): 60

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Diploma in Montessori Training

PART-I

Course Code: DMTP1T1; Course Name: Child Development and Montessori Philosophy

Objectives:

To enable the learners to

- ❖ Understand the Concept of Child Development
- ❖ Understand the Concept of Learning
- ❖ Understand the concept of Montessori Philosophy
- ❖ Understand the Concept of Child Psychology
- ❖ Understand the Concept of Classroom Learning.

Unit-I Child Development in Montessori Education

Child Development- Concept, Meaning- Needs of children at various stage - physical and motor development-cognitive development, Children develop order, co-ordination, concentration and independency at the early age, role model to protect community - freedom within the Boundary - active seekers of knowledge - self-correction, self- introspection and self evaluation, About Maria Montessori- Discoveries-Integral part of Montessori classroom approach.

Unit – II Child Psychology

Psychology Meaning- Definition of Psychology- Child Psychology- Nature of Child Psychology- Methods of Child Psychology- Major. Contexts in child psychology- Cultural Context- Social Context- Socioeconomic Context. Educational Psychology and Learning. Emotions of Children- Early Childhood and Later. Emotions of Small Children- Love, Happiness, Sorrow, anger, fear, jealousy, adamancy- Growth and Development- Personality traits- Individual difference- Behaviour during infancy and Childhood.

Unit-III Free Learning, Health and Congenial Learning Environment

Free Learning- Definition, meaning; Health-improving their health and wellbeing; Teaching children to have sense of control; Freedom control; Free decision making-improving the skill; sensitize in work-Nature of work and time bound work. Learning environment for Montessori Education; Effective learning in congenial atmosphere; Environment promotes development on child; organized classroom; Physical Environment (layout); conceptual progressive learning (Effective use of material progress).

Unit-IV Group Learning and Learning by Doing

Peer tutoring - using imitation model in Montessori classroom; mixed age class- Young learning from old- Questioning- observing the work; Repetitive learning - Reciprocal learning; knowledge enhancement to promote learning skills - social skills. learning is for physical classroom - Enhancement of Learning; Negligence of Teacher and Text in child learning - Montessori programmes.

Unit V- Classroom Learning and Role of Teacher

Classroom learning with objects and action-Predicting the children's interests. Teacher is a director for making boundary for child learning- sensitive interaction between teacher learner based on learner's needs and levels of aspiration-Authoritative parenting – Traditional attitudes and authoritarian attitude.

Course Code: DMTP1P1; Course Name: Exercises of Sensorial Practical (School Based Practicum-I)

Sensorial: Sound Box

Sensorial: Touch Board

Sensorial: Taste Jar

Sensorial: Fabric

Sensorial: Colour Box.

Course Code: DMTP1P2; Course Name: Exercises of Practical Life (School Based Practicum-II)

Practical Life: Setting Dining Table

Practical Life: Grace and Courtesy

Practical Life: Hand washing

Practical Life: Folding Cloth

Practical Life: Rolling and Unrolling Mat

Practical Life: Dressing frame button

REFERENCES

1. Gordon Ira J, "Human Development", D.B.Taraporevala, Mumbai, 1970.
2. George G Thompson, "Child Psychology", The Times of India, 1965.
3. Issacc Susan, "The Nursery Years", Routledge, London, 1956.
4. Todd V E and HelersHeffernon, "The Years Before School", Macmillan, London, 1970.
5. Craig Grace J, and Marguerite Kermis, "Children Today", Allyn and Bacon, New Jersey, 1995.

6. Ghanta, R. and Dash, B.N. (2005). Foundations of Education. Hyderabad: Neelkamal Publications.

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Diploma in Montessori Training

PART-II

Course Code: DMTP2T1;

Course Name: Pedagogical Aspects and Approaches in Montessori Education

Objectives:

To enable the learners to

- ❖ Understand the Concept of Pedagogical aspects
- ❖ Understand the Concept of Sensorial Activities
- ❖ Get awareness on Methods and approaches in Montessori Education

Unit-I Life Activity, Language and Mathematical Learning Activity Method

Practical life activities - Child Promotes activities and learn to Interact with environment; Real life projects - Promote five Motor skills, Concentration of mind and Independent nature (transferring, sorting, Personal hygiene, grooming, Dusting and sweeping). Learning to Recognize; Learning the sound variation and writing; Grammar and etymology; Group work and hand on work; learn to count the numbers; Decimal System and geometry. Individualized and abstract work.

Unit-II Vocabulary cum Storytelling and Reading

Performance of Real nature and action before artificial one; Grasping ability; Pleasurable Reading; Narrative Interaction; Loud Reading and Exploration of New facts; Pronunciation and vocabulary; Storytelling and lifelong Reading. Memorization and recognition of objects; Manipulation of letters and constructing words; Recognize and matching the Words - Secret Words, Action Words; Reading, Friendly Environment / Adaptation to Environment; Logical and Perceptual Ability; Enhancement of Visible Sensibility.

Unit – III Sensorial Experience Approach

Sensorial Activities Exploration of world around child through senses; Child development - Physical and Mental Exercises; Discrimination of contrast; Child's capacity to define the Quality - Colour, Weight, Shape, Texture, sound, etc. Primary Senses- Sensorial activities - Logic, awareness and Perception. Other Senses- Touch and smell of something- Sense of place- Multi- sensory Learning Experience- Visual, auditory and kinesthetic- Other senses- Thermoception- Nociception- Interoception- The radiation senses- The feeling senses- The chemical senses- The Mental senses.

Unit IV Child Health, Hygiene and Nutrition

Health and Hygiene- Cleanliness of Surroundings, Cleaning of the individual- Teeth, hair-bath, wearing clean clothes- Uniforms- Suitable cloth- Cotton/ wool etc. Child diseases- Malnutrition- Balance diet. Vitamins, carbohydrates and Protein, Minerals. Deficiency diseases, iodine deficiency, other health problem- eyes, ears, nose, throat etc. Skin, respiratory and gastro- intestinal problems first aid and prevention method. School meal programme- Food items to be chosen carefully cooking and serving good habits of eating food and cleaning.

Unit V- Montessori Method and Aids

Introduction- Montessori Principles- Montessori Methods of Teaching- Sense training- Didactic apparatus, Nature study- Problem relating to sleep food, Temper, Stages of development – Self correction – Recognition of shapes and size, colours, boxes, cylinders, colours matching- Building blocks- Bead boxes.

Course Code: DMTP2P3; Course Name: Exercises of Language and Arithmetic (School Based Practicum-III)

Language: Rhymes

Language: Phonetic

Language: Grammar

Language: Listening and Speaking

Language: Story Telling

Language: Reading Writing

Arithmetic: Spindle Box

Arithmetic: Geometric Cabinet

Arithmetic: Number Rods

Arithmetic: Cards and Counting

Arithmetic: Snake Game

Arithmetic: Sand paper Number Tracing

Arithmetic: Pink Tower

Course Code: DMTP2P4; Course Name: Exercises of Cultural life (School Based Practicum-IV)

Culture: Animals and Birds

Culture: Parts of the Body

Culture: States and Capitals

Culture: Land and Water Globe

Culture: Continent Globe

Culture: World Map

Culture: India Puzzle

REFERENCES

1. Francis Soundararaj, F. (1995). Teaching Spoken English and Communication Skills.Chennai:
2. Kohli, A. L. (2006). Techniques of Teaching English. New Delhi: Dhanpat Rai pub.co
3. Fletcher F.G Some lessions in mathematics OUP.
4. NCERT Brochure on themes relating to Mathematics Education.
5. Joyce., & Well., (2004). Models of Teaching. U.K: Prentice hall of India.