



MAHATMA GANDHI UNIVERSITY
of
MEDICAL SCIENCES & TECHNOLOGY
JAIPUR

VAC 16

**MULTI SENSORY
ENVIRONMENT(MSE)**

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Sponsoring Body: India Education Trust

Mahatma Gandhi Occupational Therapy College, Jaipur

Value Added Course: Multi Sensory Environments (MSE)

Contact Hours- 20

COURSE SYLLABUS

About the Course:

Good training in Multi Sensory Environments (MSE) is an essential part of managing a Multi Sensory Environments facility and using MSE effectively for clients, students, and consumers. Additionally the training will provide an ongoing opportunity to maintain usage standards, keep up with latest developments, and maintain a multi sensory environment in optimum condition:

This comprehensive course consists of 8 instructional modules which address the complexity of issues around the theory, practice and application of MSE. Each module includes learning objectives, instruction, self-study and discussions questions, references, and resources. A round-table discussion takes place the last day of the workshop that addresses the future of Multi Sensory Environments.

Course Objectives:

Participants will be able to:

1. Understand the basic concepts and philosophy of MSE.
2. Understand Sensory Processing, changing motivations, modulation and arousal levels with MSE.
3. Understanding of self-stimulation from a neuro-chemical / physiological point of view rather than a cognitive or behavioral choice.
4. Understanding of how there are different forms of personal interaction for reaching someone.
5. Understanding and the use of behavioral techniques in shaping behavior and adaptive responses.
6. Understanding of the difference of Sensory Motor vs. Sensory Diets for Arousal and Relaxation.
7. Practice at allowing consumer true choice & self determination.
8. Understanding forms of communication.
9. Understanding the process of relaxation.
10. Utilize the MSE and equipment to its fullest potential.
11. Develop basic MSE research projects.

Background:

MSE training is a combination of readings, lectures, videos and hands-on experiences selected to provide a caregiver, companion, teacher, therapist with a better understanding of our senses, how we take our senses for granted and how they help us interact with our internal and external environment.

Workshop Outline - Multi Sensory Environments**DAY 1 - The Sensory World and MSE Approach****Objectives for Day 1:**

1. Understand the primary senses and how they interact with our environments for keeping us safe, happy and focused.
2. Have a basic understanding of neurology.
3. Understand the conscious and unconscious sensory process, our attitudes toward our sensory being, relaxation and the benefits of the MSE Approach.
4. Understand the rationale for MSE and the specific theory behind MSE with their specific group/population for Best Practices for treatment.

Module 1: MSE Introduction - History and Philosophy

- The Need for MSE
- MSE History
- What is MSE
- Benefits of MSE
- Questions and Answers

Module 2: Neurology, Neurochemistry, Neural Osculation

- Overview on Neurology
- The CNS - Central Nervous System
- The PNS - Peripheral Nervous System
- Sensory Receptors
- Neural Oscillations
- Questions & Answers

Module 3: How MSE Works

- MSE and the Senses
- MSE and Neurology

Module 4: Sensory Processing - Affecting change with MSE - a Protocol

- Sensory integration, processing, defense, self regulation
- Sensory processing
- Sensory Diets
- The difference between SI, MSE and Snoezelen
- Questions and Answers

DAY 2 - The Multi Sensory Environment - Hands on

Objective for Day 2:

- Understanding MSE.
- Understanding interfering stress, its detrimental effects on the human being, in relation to age, stage and quality of life as it impacts our ability to focus, attend and learn.
- Understanding reversing and preventing the detrimental effects of stress with the MSE and which techniques to utilize and how to foster permanent change through the sensory portal.
- Understand and be able to demonstrate setting up MSE Equipment protocols and basic Sensory Diets.
- Understanding equipment protocols: What equipment gets used for whom; and how do I do it, includes equipment evaluations, developing specific sequencing/order of use of equipment, for good integration of the senses.
- Understand sensory diets: matching the specific sensory need with the consumer around their specific learning styles with the MSE equipment and room. This would be specific to one user/customer and would train their staff on their equipment / room for their general population.
- Understanding of specific treatment techniques and offer opportunities for them to try it.
- It would include the research trends supporting MSE use and offer suggestions for adding to the body of supporting evidence.

Module 5: The Multi Sensory Environment

- Different Multi Sensory Environments (MSE)
- White rooms, Black rooms, Sensory Gardens, etc.
- From single piece equipment to dedicated room
- Passive vs. Active
- The Sensory Controlled Environment
- Enabling approach
- Questions and Answers

Module 6: Experiencing the MSE Environment

- Equipment protocols and demonstrations
- Safety - Maintenance
- Questions and Answers

DAY 3 - MSE Different Populations, Evaluations

Objectives for Day 3

- Understand and write specific individualized goals and outcomes for the MSE that are measurable.
- Developing goals/outcomes and monitoring progress for their specific group/population.

Module 7: MSE and Different Populations

- MSE and Autism
- MSE and Dementia
- MSE and MR
- Questions and Answers

Module 8: Evaluations and certification

Course Co-ordinator
MGOTC