

Abstract Title:-

Integrated Professional Training Program in Learning Disorders, Sensory Processing, and Behavior Management

Keynote Speaker – Ashraf Mohamed Beltagy – Anamel Foundation – Egypt



Abstract:

This professional training program consists of four integrated workshops designed to strengthen participants' theoretical understanding and applied skills in the areas of learning disorders, intervention planning, sensory processing, and behavioral management, using modern evidence-based frameworks.

The first workshop, “Learning Disorders: Diagnosis, Identification, and Severity,” focuses on differentiating learning difficulties from Specific Learning Disorder (SLD) based on DSM-5 criteria. It presents classifications of learning challenges, types of SLD, and the most effective tools for accurate assessment and diagnosis.

The second workshop highlights intervention programs for learning disorders, presenting both preventive and therapeutic approaches. Preventive strategies include developmental checklists, nutritional and medical prevention, and early speech-language support. Therapeutic approaches include skills-based versus academic intervention models, academic intervention programs, inclusion practices, and the effective role of shadow teachers in supporting inclusive education both inside and outside school.

The third workshop addresses Central Sensory Processing Disorder, explaining sensory processing and its role in shaping behavior. It introduces major scientific frameworks including Sensory Integration Theory, Executive Functions Theory, Central Coherence Theory, Mirror Neuron Theory, and Slow Cognitive Processing Theory, with attention to auditory and visual central processing difficulties.

The fourth workshop focuses on behavior management and modification through a Simulation-Based Motivational Behavioral Approach (MBI). It explains the foundations of the approach, its objectives, structure, training levels, and practical strategies used for behavior change and motivation-based interventions.

Keywords:

AAC, language development, pragmatics, literacy

Learning Objectives

By the end of this session, participants will be able to:

- Differentiate between learning difficulties and Specific Learning Disorder (SLD) using DSM-5 diagnostic standards.
- Apply appropriate assessment tools and methods to identify learning disorders and determine severity levels.
- Design and implement preventive and therapeutic intervention programs for learning disorders in educational and clinical settings.
- Explain central sensory processing concepts and identify how sensory processing challenges affect behavior and learning.
- Utilize evidence-based behavior management strategies through the Simulation-Based Motivational Behavioral Approach (MBI)..

Short Professional Biography:

Ashraf Mohamed Beltagy is a Mental Health and Special Education Specialist with extensive expertise in psychological assessment, therapeutic programming, and educational measurement development. He holds a Master's degree and Doctorate in Mental Health and Special Education and is a certified program designer and author of multiple psychological and educational assessment tools. He currently serves as Director of Branch Administration at Anamel Foundation in Egypt, where he leads strategic planning, supervises multidisciplinary teams, and oversees child and adolescent development programs focused on evidence-based support for individuals with special needs and improved psychological wellbeing.