Πρόγραμμα Μεταπτυχιακών Σπουδών Εξειδίκευσης
του Τμήματος Ελληνικής Φιλολογίας του Δημοκριτείου Πανεπιστημίου Θράκης
σε συνεργασία με το
ΕΚΕΦΕ Δημόκριτος – Ινστιτούτο Πληροφορικής και Τηλεπικοινωνιών
με τίτλο: «Εξειδίκευση στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της ένταξης»

ΝΕΥΡΟΕΠΙΣΤΗΜΗ & ΜΕΤΑΓΝΩΣΤΙΚΕΣ ΘΕΩΡΙΕΣ ΚΑΙ ΣΤΡΑΤΗΓΙΚΕΣ ΣΤΗΝ ΠΡΟΣΚΟΛΛΗΣΗ ΚΑΙ ΣΤΟΝ ΑΥΤΙΣΜΟ

NEUROSCIENCE & METACOGNITIVE THEORIES AND STRATEGIES IN ATTACHMENT AND ASD

της

Αγγελικής Σιδεράκη

Μεταπτυχιακή διατριβή που υποβάλλεται
Στην τριμελή επιτροπή για την απόκτηση του μεταπτυχιακού τίτλου του
Προγράμματος Μεταπτυχιακών Σπουδών Εξειδίκευσης
Του Τ.Ε.Φ. – Δ.Π.Θ. σε συνεργασία με το Ε.Κ.Ε.Φ.Ε. Δημόκριτος – Ινστιτούτο Πληροφορικής και Τηλεπικοινωνιών
Με τίτλο: «Εξειδίκευση στις Τ.Π.Ε. και Ειδική Αγωγή – Ψυχοπαιδαγωγική της Ένταξης»

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ΠΕΡΙΛΗΨΗ

Η παρακάτω μελέτη εξετάζει την νευροεπιστήμη της προσκόλλησης και τον ρόλο της ενσυνειδητότητας και της μεταγνώσης. Αρχικά, γίνεται αναφορά στην σπουδαιότητα της ενσυνειδητότητας η οποία διαπιστώνετε έντονα στα άτομα με προσκόλληση και ιδιαίτερα στους διδύμους. Στην συνέχεια, εξετάζετε η ενσυνειδητότα στα άτομα με αυτισμό. Πιο συγκεκριμένα, σκοπός της έρευνας είναι η διεξαγωγή συμπερασμάτων σχετικά με την συναισθηματική νοημοσύνη που αναπτύσσουν άτομα με ΔΑΦ και τα επίπεδα ενσυνειδητότητας και μεταγνώσης τα οποία είναι σε θέση να κατατήσουν. Στην πορεία της μελέτης γίνεται αναφορά στους παράγοντες που επηράζπουν στην συναισθηματική τους ανάπτυξη όπως το στρες και οι όρμονες, όπου ο ρόλος του φαινεται να διαφέρει συγκριτικά με τα τυπικά αναπτυσσόμενα άτομα διότι τα άτομα με αυτισμό ποαρουσιάζουν μια διαφορετική αναπτυξιολογική και γνωστική πορεία. Έπειτα, γίνεται αναφορά στον σπουδαίο ρόλο της τεχνιτής νοημοσύνης η οποία φαίνεται να συμβάλει θετικά στην νοητική και συναισθηματική ανάπτυξη των παιδιών με αυτισμό καθώς γίνεται χρήση διάφορων σημαντικών τεχνολογιών όπως ειδικά κατασκευασμένα και λειτουργικά ρομπότ, που συμβάλουν τόσο για την θεραπεία όσο και την διάγνωση του αυτισμού. Από την παρούσα μελέτη διαπιστώθηκε ότι όλες οι παραπάνω μεθόδοι συμβάλουν στη βελτίωση του νοητικού επιπέδου των ατόμων με αυτιστική διαταραχή και στην άνοδο τους στα επίπεδα της πυραμίδας της μεταγνώσης αλλα και της πυραμίδας γνώσης-συνεδιτητότας. Τέλος. ο ρόλος των ΤΠΕ και της AI είναι ιδαίτερα βοηθητικός για την επίτευξη αυτής της ανόδου.

Λέξεις κλειδιά: Νευποεπιστήμη, αυτισμός, προσκόλληση, συναισθηματική νοημοσύνη, ενσυνειδητότητα, μεταγνώση, δίδυμοι, νοητική υστέρηση, έρευνα, τεχνητή νοημοσύνη, βαθιά μάθηση, εκπαίδευση, ειδική αγωγή, συναισθημα, εργαλεία, τεστ, παρέμβαση, αλγόριθμοι, διάγνωση, ρομπότ, μηχανική μάθηση, γονίδια, στρες, ορμόνες, θεραπεία,ΤΠΕ

μέσο για μελλοντική εκτενέστερη διερεύνηση, αφού είναι εύκολο να τροποποιηθεί και να εξελιχθεί με βάση τις εκάστοτε απαιτήσεις. Αξιοσημείωτα είναι τα πολλαπλά οφέλη της στη ζωή του παιδιού με αυτισμό, αφού του προσφέρει αυτοεκτίμηση, αυτοπεποίθηση, ενισχύει τη δημιουργικότητά του και καλλιεργεί την κριτική του σκέψη. Τέλος, σύμφωνα και με τις έρευνές μας, η τεχνητή νοημοσύνη συμβάλλει στη βελτίωση ελλειμμάτων των αυτιστικών παιδιών που αυτά μπορεί να σχετίζονται με αδυναμίες κοινωνικοποίησης, λόγου, βλεμματικής επαφής κ.λπ.

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