

St. Mira's College for Girls, Pune
(Autonomous-Affiliated to Savitribai Phule Pune University)
BA.

Subject: PSYCHOLOGY SPECIAL-1
Introduction to Psychopathology A31617
Semester: III
Year: 2018-19

Unit 1: Research paper review on psychopathology

7
10

Name : Bhagyashree Parchure

Subject- Psychology S1

Roll No: 2873

Assignment: Research paper review

Topic of assignment: Neuro-developmental disorders

Topic of research paper: Longitudinal Associations Between the Quality of Mother-Infant

Interactions and Brain Development Across Infancy

Age Group: infants were 5,10 and 24 months of age

Abstract

Annie, B., Susan, D & Martha, N studied longitudinal associations between the quality of mother-infant interactions and brain development across infancy. The aim of this study was to investigate if normative variations in parenting relate to brain development among typically developing children. A sample of 352 mother-infant dyads came to the laboratory when infants were 5, 10, and 24 months of age (final N = 215). At each visit, child resting electroencephalography (EEG) was recorded. Mother - infant interactions were videotaped at the 5 - month visit. The results indicated that higher quality maternal behavior during mother - infant interactions predicted higher frontal resting EEG power at 10 and 24 months, as well as increases in power between 5 and 10 months, and between 10 and 24 months. These findings provide rare support for the hypothesis that normative variation in parenting quality may contribute to brain development among typically developing infants.

Research methodology –


Dr. Jaya Rajagopalan
Subject Teacher




Principal Incharge
St. Mira's College for Girls