

# VIDYASAGAR UNIVERSITY

A Project Work  
On

## A Comparison study on Nutritional and Health Status between Urban and Slum Preschool Children (3-6 years)

This project work is submitted for the partial fulfillment for the award of  
degree of B.Sc. (Hons) from Vidyasagar University



Dept. of Nutrition  
Mugberia Gangadhar Mahavidyalaya

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*AL*  
30/11/2023

**EXAMINED**  
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# Mugberia Gangadhar Mahavidyalaya

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### TO WHOM IT MAY CONCERN

This is to certify that **Dipsikha Paria (Roll:1125129; No.: 200108; Regn. No.: 1290693 of Session: 2020-2021)** a student of B.Sc. Part –III, Dept. of Nutrition, under Vidyasagar University, Paschim Medinipur, has completed her project work under my guidance on the topics '**A comparison Study on Nutritional and Health Status between Urban and Slum Preschool Children (3-6 years)**' for the partial fulfillment for the award of degree of B.Sc. from Vidyasagar University.

I am satisfied for her performance. She is energetic and up to date in her work; I wish success in her life.

Date: 22.12.2022

*Moumita Samanta*

(Prof. Moumita Samanta)

SACT Teacher

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Vocabulary finds no appropriateness to express my heartfelt love and thanks from the very core of my heart to my classmates and juniors for their constant encouragement and help throughout the study.

Date: 22.12.2022  
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Dipsikha Paria  
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(Dipsikha Paria)

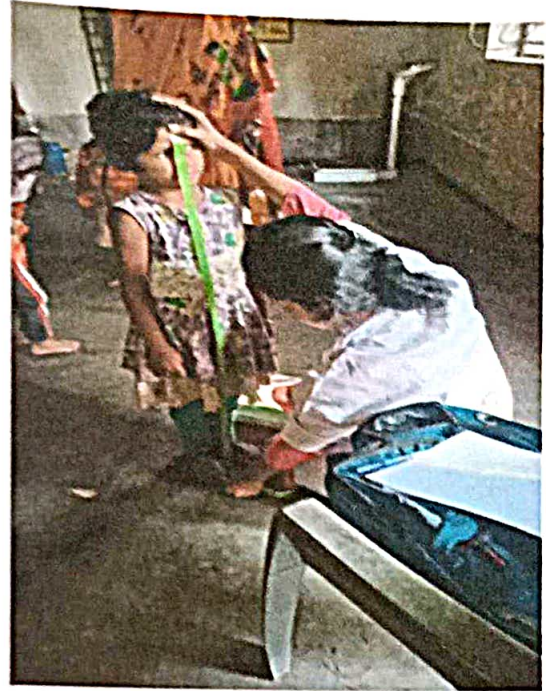
## ABSTRACT

Biologically, a child is a human being between the stages of birth and puberty. The legal definition of child generally refers to a minor, otherwise known as a person younger than the majority. In the present study a survey was conducted to compare health and nutritional status between Hindu and Muslim Children. The survey was carried out at Bhagwanpur-II block area, Purba Medinipur, West Bengal. The data was collected from Urban Children (n=15) and slum Children (n=15). The survey was found that different measurements like height, weight, Gomez value, MUAC, Head and Chest Circumference were carried out. The participants were asked about their hygienic condition and diseases. It was found that there was no significant ( $p>0.05$ ) differences in Gomez value, MUAC, Head and Chest circumference between Hindu and Muslim Children. From the survey it was found that under weight, Dental caries are higher in Hindu Children than Muslim Children. And both are slightly suffering from poor immune function. It was found that there was no significant difference of intake of Protein, Fat, Carbohydrate, Energy  $\beta$  carotene, Retinol, Thiamin, Folic acid. But there was significance difference of intake Vitamin-C in Hindu and Muslim children. It was found that more percentage of Hindu Children's hygiene is proper maintained from washing of hands after toile and before beating compare to Muslim Children.

**Keywords:** Urban Children, Slum Children, Health, Comparison, Gomez value, Head and Chest circumference

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**Plate 1: Different activities during survey of Urban of Bhagwanpur-II Block area**



**Plate 2: Different activities during survey of Slum of Bhagwanpur-II Block area**