

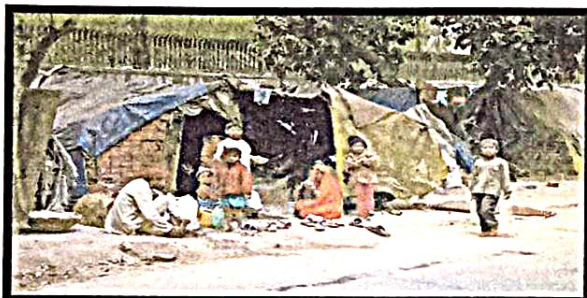
# **VIDYASAGAR UNIVERSITY**

## **A Project Work**

**On**

### **A Comparison study on Nutritional and Health Status between Rural and Slum SAM Pre-school children (1-6 Years) at Bhagwanpur II Block Area**

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



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## Certificate of Completion

This is to certify that Mr. /Miss. Priya Jana  
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for the course B.Sc subject Nutrition  
paper CC - 12P in the year/session 2024-2025  
He /She has submitted the dissertation / project on 18.06.2025

Moumita Samanta

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Signature of Supervisor / HOD

Head  
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Mugberia Gangadhar Mahavidyalaya

Signature of Principal

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## Dept. of Nutrition

PO-Bhupatinagar; Dist-PurbaMedinipur

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(UGC recognized as College with Potential for Excellence;

Affiliated to Vidyasagar University)

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### **TO WHOM IT MAY CONCERN**

This is to certify that Priya Jana (Roll; 1125129; No.; 220166: Regn. No.: VU2211291117 of Session: 2022-2023) 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 Rural and Slum SAM pre-school children (1-6 years) at Bhagwanpur II Block’ 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: 12.03.2025

*Moumita Samanta*

(Prof. Moumita Samanta)

SACT Teacher

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## **A Comparison study on Nutritional and Health Status between Rural and Slum SAM pre-school children (1-6 Years) at Bhagwanpur II Block.**

### **ABSTRACT**

A child is typically defined as a human being who is in the early stages of life, generally from birth to puberty. This age range varies slightly based on different contexts and cultures, but it generally includes infants, toddlers, and young adolescents. A child aged 1 to 6 years is typically referred to as a toddler (1-3 years) and a preschooler (3-6 years). This period of life is marked by significant physical, cognitive, social, and emotional development. In the present study a survey was conducted to compare health status between Rural SAM pre-school children and for Slum SAM pre-school children. The survey was carried out at Bhagwanpur-II block area, Purba Medinipur, West Bengal. The data was collected for Rural SAM pre-school children (n=15) and for Slum SAM pre-school children (n=15). A housewife is a woman whose occupation is running or managing her family's home caring for her children; buying, cooking, and storing food for the family. The survey was found that different measurements like height, weight, MUAC, Head circumference, chest circumference, Gomez classification 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 body mass index, MUAC, Chest circumference and was significance in Head circumference between Rural SAM pre-school children and Slum SAM pre-school children. It was observed that more percentage of Slum SAM pre-school children was suffering from anemia, constipation, rashes, and peptic ulcer as compare to Rural SAM pre-school children. It was found that more percentage of Rural SAM pre-school children were hygienic is proper maintain from washing of hands after toilet and washing of cooking utensils compare to Slum SAM pre-school children.

**Keywords:** Severe Acute Malnutrition, Rural, Urban Slum, Anthropometric Indices, Nutritional Status, Pre-school Children.

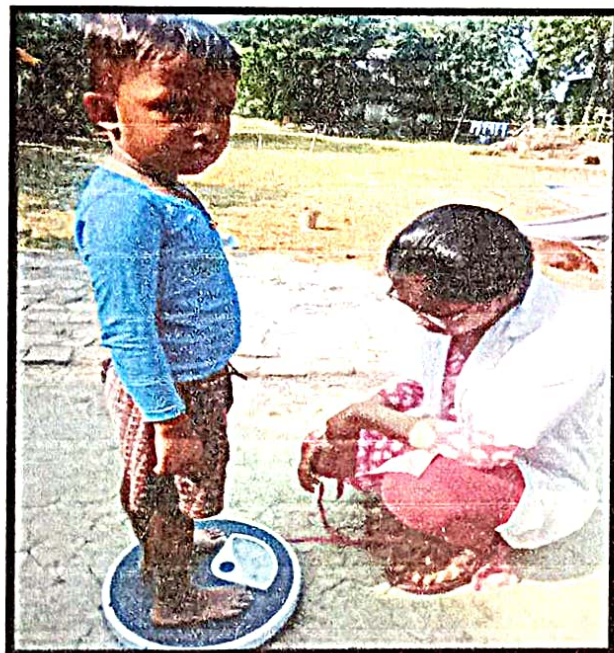


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**Plate 3: Different activities during survey of slum SAM pre-school children of Bhagwanpur-II Block area**