GOVERNMENT DEGREE COLLEGE, BELLAMPALLY

DISTRICT: MANCHERIAL

TELANGANA STATE

(Affiliated to Kakatiya University)

DEPARTMENT OF ZOOLOGY 2021-22

A REPORT ON STUDENT STUDY PROJECT

(SOCIO-ECONOMIC STATUS VIS-A-VIS" - ANEMIC CONDITION OF GIRL STUDENTS OF GDC, BELLAMPALLY)

Submitted By

1. SK Shabana Amin - B.Sc. Life Science II year

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3. P. Prathyusha - B.Sc. Life Science II year

4. G. Nirikshana - B.Sc. Life Science II year

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Supervised by: P. SREELATHA, Asst. Professor of Zoology

GOVERNMENT DEGREE COLLEGE, BELLAMPALLI

DISTRICT MANCHERIAL, TELANGANA -504251

CERTIFICATE

This is to certify that Student Study Project, titled "Socio-Economic Status vis-a-vis", Anemic condition of girl students of Govt. Degree College, Bellampally for the academic year 2021-2022 has been successfully completed by SK Shabana Azmin, P. Srivani, P. Prathyusha, G. Nirikshana, M. Sai Sahaj of B.Sc. Life Science II year for the partial fulfillment of Departmental Annual Curricular Plan.

PRINCIPAL

A REPORT

Title of the Project: Socio-Economic condition vis-à-vis Anemic Condition of girl students of GDC, Bellampally (2021-2022)

Names of the students to whom the work assigned:

1. SK Shabana Azmin
2. P. Srivani
3. P. Prathyusha
4. G. Nirikshana
5. M. Sai Sahaj

Under the guidance of: Smt. P.Sreelatha, Asst. Prof. of Zoology

Introduction:

Anemia is a commonly occurred disease among women especially adolescent girls and pregnant women. This often represents a poor nutritional status that leads to iron deficiency which is one of the most common causes of the anemia. This study is aimed to assess the nutritional levels of the students and to detect the condition of anemia thus making them aware of the health hazards caused by anemia.

Objectives:

- To know the HB levels and anemic condition among the girls students
- To know the socio - Economic and cultural status of the students vis-à-vis their health conditions.
- To know their family background and its impact on health status.
- To identify the link between socio-economic status (Life style), dietary & health habits.

Methodology:

The study was based upon the data collected during a health camp organized by the department of Zoology on 02-11-2021. Around 50 girls including women staff members were tested for their blood Hb levels. A small project was taken up based on the data obtained and

recorded in this camp relating to the Hemoglobin levels of the girl students to their Socio-Economic status(Life style) and their health habits.

Analysis:

➢ 50% students and some women staff members, 29 students (58%) of them are having good health and the rest 21 students (42%) of them are having anemia.

➢ When it comes to BC caste, 44% of the backward community is affected by anemia and the rest of the 56% are having good health condition. As most of them are related to farmer family the physical work they do such as helping in agriculture may be the reason. And the rest of them are having a large family. Since they cannot get the balanced nutritional food and the other chances is being idle.

➢ In particular, BC-D is having 50% of good health and the other 50% with slightly anemic. In BC-B 80% of the people are having good health and 20% are effected by anemia. In BC-A majority of them are affected by anemia.

➢ On contrary to BC community Scheduled Caste got 47% anemia and the rest are having a good health condition. Out of 11 people 6 people are having good health.

➢ In the Open Category there are only 2 people affected. They got their health condition good which can be correlated with small family <4 members, proper nutritional status

➢ In the Scheduled Caste only one girl is suffering from anemia because of their family's economic status. In her case because of her family and their economic status they couldn't afford the nutritious food to everyone.

Analysis

Social Status	Family Status	Hb levels	Sub-Total	Total	Grand Total
SC	More than two children	Anemic	3	6	11
		Normal	3		
	Two or less than 2 children	Anemic	2	5	
		Normal	3		
BC	More than two children	Anemic	7	10	36
		Normal	3		
	Two or less than 2 children	Anemic	4	26	
		Normal	22		
ST	More than two children	Anemic	1	1	1
		Normal	0		
	Two or less than 2 children	Anemic	0	0	
		Normal	0		
OC	More than two children	Anemic	0	2	2
		Normal	2		
	Two or less than 2 children	Anemic	0	0	
		Normal	0		

Discussion:

The study was conducted to show the effects of family size, their awareness levels of health in relation to socio-economic status in case of Anemia. The impact of malnutrition is mainly observed in relation to family size.

Conclusion:

- Here by we can conclude that in a family with more than two people are having a chance of being anemic due to insufficient supply of nutritious food to all.
- The factors for being affected are not only more members in a family but also the income of the family as well as their day to day activities.
- 34% students are affected out of 50 members.
- Lack of nutrition is the main reason for anemia when compared to lack of exercise etc.