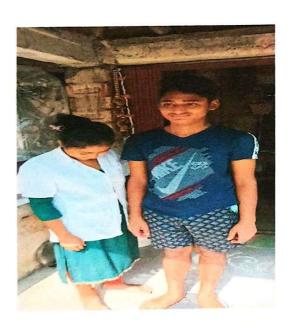
Vidyasagar University

A Project Work

"Assessment of the Impact of Mobile Phone Use on Adolescent of Contai-III Block area"

This project work submitted for the partial fulfillment for the award of degree of B.Sc 5th sem (Hons) from Vidyasagar University





Submitted by-

Debjani Adak

Roll: 1125129; No.- 210126

Dept. of Nutrition

Mugberia Gangadhar Mahavidyalayacangadhar Mahavi EXAMINED PO.- Bhupatinagar :: Dist- Purba Medin West Bengal :: Pin-721425

Supervised by -

MR. TONMOY KUMAR GIRI

SACT, Dept. of Nutrition Mugberia Gangadhar Mahavidyalaya

Mugberia Gangadhar Mahavidyalaya

Bhupatinagar :: Purba Medinipur West Bengal :: India

Email: mugberia_college@rediffmail.com

NCTE Recognized & NAAC Accredited with CGPA 2.71 Institution

http://www.mugberiagangadharmahavidyalaya.org



This is to certify that Mr./Miss. Debjani Adak
Roll 1125129 Number 210126 a PG/UG student of
SEM. Y. Department of Nothition has
successfully completed a dissertation / project entitled ASSOSCMANT
Of the Impact of Mobile Phone use on
Adolescent of Contai-III Block area."
for the paper CO-12P in the year 2023-24

Date:

Signature of HOD

Head

Dept. of Nutrition

Mugberia Gangadhar Mahavidyalaya

Signature of Principal
Principal
Mugheria Gangadhar Mahavidyalay



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA
NAAC Re-Accredited B-Level Govt. aided College
CPE (Under UGC XII Plan) & NCTE Approved Institutions
DBT Star College Scheme Award Recipient

E-mail: mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

MR. TONMOY KUMAR GIRI SACT, Dept. of Nutrition Mob. No.- 9735327112

E-mail id: giritonmoy902@gmail.com

CERTIFICATE BY THE SUPERVISOR

This is to certify that **Debjani Adak** (Roll: 1125129; No.- 210126) a student of B.Sc. 5th semester, Dept. of Nutrition, under Vidyasagar University, Paschim Medinipur, has completed her project work under my guidance on the topics "Assessment of the Impact of **Mobile Phone Use on Adolescent of Contai-III Block area**" partial fulfillment for the award of B.Sc 5th semester. 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

00.00.94	Tonney Rumar Giri	
Date: 20.02.24	MR. TONMOY KUMAR GIRI	
	SACT	
Place:	Dept. of Nutrition	
	Mugberia Gangadhar Mahavidyalaya	

<u>ACKNOWLEDGEMENT</u>

First and foremost, I would like to pay my obeisance to God Almighty for always bestowing me with His blessings without which I could not have achieved anything that I have today.

I express my dispense of gratitude to Dr. Swapan Kumar Misra, Principal, Mugberia Gangadhar Mahavidyalaya, for providing necessary facilitiest o carry out the present investigation.

The guidance of one's teachers and superiors is of paramount importance in his/her academic life. In this regard my deeply indebted to Tonmoy Kumar Giri SACT, Dept. of Nutrition, Mugberia Gangadhar Mahavidyalaya, for his valuable advice and guidance.

I am really obliged to other faculty members of the Dept. of Nutrition, Dr. Apurba Giri, Assistant Professor and Head, Mr. Prabir Jana, Mis. Moumita Samanta, Mis Rikta Jana, Mis Keya Dash, Ms Pranati Bera and Mr. Khokan Chandra Gayen for their valuable suggestion and lab attendant Mr. Prabal Das and Mis Ananya Roy (Das) for his assistance.

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: 20.2.2024

Debjani Adak Debjani Adak

Abstract

The study has been to assess the effect of mobile phone addiction on personality and mental health of adolescent selected from Contai-III Block. It is found that mobile phones have become one of the necessities of life of the adolescent in particular. It is used as a means of not only communication, but also for academic purposes. Further the adolescent are found to be using mobile phones not only for these purposed for each and every thing like spending time during the free time, chatting, What's app, internet, face book, games etc. but this has gradually become habit and every adolescent is highly dependent on the mobile phone, which leads to mobile phone addiction.

Mobile phone usage is so strongly integrated into adolescent behavior that symptoms of behavioral addiction, such as mobile phone usage interrupting their day- to -day activities. I observed that most adolescent use mobile phone for social media and gaming purposes. I have noticed that adolescent who use mobile phones mostly have physical and mental problems, such as headaches, sleep disturbances, eye strain, etc and suffer FOMO.

Keywords: Adolescent, Mobile phone, Addiction, Headaches, Sleep Disturbances, Eye Strain, FOMO.

LIST OF FIGURES

NO. OF FIGURES	NAME OF FIGURES	PAGE NO
1	Comparison on Body Mass Index (kg/m²) between status among Mobile phone users and non-users.	28
2	Comparison of Heart Rate (Bpm)status among Mobile phone users and non-user	29
3	Comparison of Percentage of BMI Kg/M² (normal and abnormal) of mobile phone users.	28
4	Comparison of Percentage of status of Heart Rate Bpm (normal and abnormal) of mobile phone users.	29
5	Comparison of Percentage of status of Physical performance (Active, Very Active and Slow) of mobile phone users.	30
6	Comparison of Status of Mobile Phone UseTime of Adolescents .	30
7	Comparison of Purpose of Mobile Phone Use of Adolescents	31
8	Comparison of Percentage of suffer FOMO of mobile phone users.	31
9	Comparison of Percentage of the primary purpose of Mobile Phone Use of Adolescents.	32
10	Comparison of Some Health Problems of adolescent Mobile Phone Users	32
11	Comparison of Adolescents Percentage of use of phone for work-related tasks.	33
12	Comparison of Adolescents Percentage of use of mobile phone before bedtime.	34
13	Comparison of Adolescents Percentage of use of mobile phone affected sleep patterns.	34
14	Comparison of Percentage of Mobile phone users sleeps hours of adolescents every night.	35
15	Comparison of Percentage of Mobile phone users' time spends browsing the internet.	35
16	Comparison of Mobile phone users' time spends browsing the internet.	36

LIST OF TABLES

TABLE HEADING	PAGE NO.	
Classification of adult BMI according to WHO	22	
Tabular representation of Anthropometric measurement of Mobile phone use and non mobile phone use.	36	

LIST OF ABBREVIATION

SAHM= stay-at-home mother

SAHD=stay-at-home father

WHO= World Health Organization

BMI=Body Mass Index

WHR=Waist Hip Ratio

SBP= Systolic Blood Pressure

DSP= Diastolic Blood Pressure

SSK=Shishu shiksha Kendra

MSK=Madhyamik shiksha Kendra

SD=Standard Deviation

SE=Standard Error

Content

SL.	SUBJECT	PAGE NO.
1.	Introduction	1-3
2.	Aims & Objective	4
3.	Review of Literature	5-19
4.	Materials & Methods	20-27
5.	Results & Discussion	28-36
6.	Summary & Conclusion	37
7.	References	38-46

