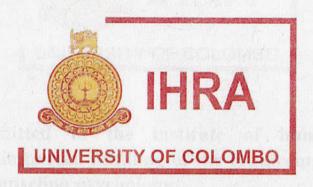
HDCP
I1
Institute of Human
Resource Advancement

Project submitted to the institute of human resource advancement in partial fulfilling of the requirement for higher diploma in counseling psychology.



## The impacts of educational technology on student learning motivation

(With special reference to selected public school in Negombo educational zone)

HDCP 216

Institute of Human Resource Advancement

**University of Colombo** 

Colombo 07

F.F. Kamaruzzaman

IHRA/HDCP/2022/008

2023 February

## Content

List of tables	vii - viii
List of figures	ix - x
Dedication	хi
Acknowledgement	xii
Abstract	xiii
CHAPTER 01: Introduction	1 - 9
1.1. Introduction to topic	1
1.2. Problem statement	7
1.3. The hypothesis of the study	8
1.4. Objectives of the research	8
1.5. The importance of the study	8
1.6. Limitations of the study	9
CHAPTER 02: Literature review	10 - 39
2.1. Introduction	10
2.2. Introduction to education	10
2.3. The learning process in education	12
2.4. Educational Technology (EdTech)	14
2.4.1. Application of educational technology in education	23
2.5. Learning theories underpinning learning with educational technology	26
2.6. Learning motivation	36
2.6.1. Motivational theories that are applying educational technological	gy 38
CHAPTER 03: Methodology	40 - 45
3.1. Introduction	40

3.2. Study area	41
3.3. Population, Sample, and Sampling	42
3.4. Data colleting method	43
3.5. Data analysis	45
CHAPTER 04: Data analysis	46 - 77
4.1. Introduction	46
4.2. Data analysis of the survey	46
4.2.1. Demographical data of the students	47
4.2.2. Technology usage of students outside the classroom	51
4.2.3. Usage of educational technology in the classroom	56
4.2.4. Students' motivation to learn with educational technology	59
4.2.5. Technology literacy	72
4.2.6. Students' opinion on usage of technology	74
4.3. Data analysis of the interviews	76
CHAPTER 05: Conclusion and recommendation	78 - 82
5.1. Conclusion	79
5.2. Suggestions	82
Bibliography	83 - 86
Appendix 1	87
Appendix 2	92
Annandir 3	98

## Abstract

Technology has recently been broadly incorporated into everyday life, where access to large quantities of knowledge is now readily accessible. The generation of students today has grown up in an ever-increasing way with technology all around them. In order to build an efficient 21st century classroom that meets the needs of students, educational technology has evolved, modern teachers should take into account the desire of a student to learn and the impact of technology on inclusive education. The study of the impact of educational technology on student learning motivation was conducted with special reference to Negombo Al-Falah central college, in Sri Lanka. The sample of the study was 40 students and 5 instructors in advanced level that selected based on random sampling methods. Data was collected through a quantitative survey from students and qualitative interviews from instructors. The surveys were administered to gauge students' usage of educational technology, perception and learning motivation. From the interviews, obtained instructors' opinion on capability of using new educational technology to enhance learning process in Sri Lanka. The quantitative data was analyzed by using MS Excel and qualitative data was analyzed by using content analysis. Analysis of the data collected proves the hypothesis of the study that the usage of educational technology in the classroom has a positive impact on student learning motivation. Based on the empirical evidence, various conclusions were drawn, and suggestions were provided for the conclusions and issues accordingly.

Key words – learning, educational technology, motivation