

Ethical Assessment Form

All students conducting research activity that involves human participants or the use of data collected from human participants are required to gain ethical approval before commencing their research. Please answer all relevant questions and note that your form may be returned if incomplete.

You will complete this form and return to the class teacher when your research topic and research proposal is discussed and approved by your class teacher teaching this unit. Please complete this form in good time before your research project is due to commence.

Research must NOT begin until approval has been received from the appropriate Faculty Committee

Section 1: Student Details

Student Name:	Prativa Chhantyal
Student ID:	
Contact Email:	prativa@ismt.edu.np
Course:	BTEC HND IN COMPUTING
Unit:	Computing Research Project

Section 2: Project Details

Research Project Title:	Non-renewable resource depletion		
Propose Start/End Date: (DD/MM/YYYY)	Start Date 09/11/2022	End Date 09/08/2023	
Supervisor:	Samartha Bikram Thapa		
Please select all research methods that you plan to use as part of your project:			
Interviews	<input checked="" type="checkbox"/>	Data Analysis	<input checked="" type="checkbox"/>
Questionnaires	<input checked="" type="checkbox"/>	Action Research	<input type="checkbox"/>
Observational	<input type="checkbox"/>	Focus Group	<input type="checkbox"/>
Use of personal record(s)	<input type="checkbox"/>	Others (please specify).....	

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Section 3: Project Outline & Proposed Research methods

Project outline & aims

Briefly describe the aims of this research, including the anticipated benefits and risks. This description must be in everyday language. If any jargon, technical terms or discipline-specific phrases are used, these should be explained.

Digital devices are resource intensive. To build them, natural resources that are non-renewable are extracted, processed, and used in enormous quantities. Due to that a critical non-renewable natural resource is running out. The research will be conducted to fathom how digital transformation is depleting non-renewable natural resources and hence severely impacting the environment. So, the aim of the project is to identify how non-renewable resources are depleted due to digital transformation and how environment has been impacted by it. The research is conducted as there is very little research investigating how non-renewable resources are depleted. This research will provide the benefit of providing empirical research in an under researched area. However, few risks are associated with the research. One of them is that there is chance of responses from respondents being biased. The possibility of sub topics being overlooked as there will be only a specific topic covered is the other risk associated with the research.

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Proposed research methods

Please provide an outline, in layman's terms, of the proposed research methods. Specify whether the research will take place outside of the UK or in collaboration with partners based outside the UK, and/or if research will take place using the internet. Present an outline of the method in a step-by-step chronological order, and avoid using jargon and technical terms as much as possible. Ensure you describe the key tasks including how data will be collected and used.

The research will be conducted in cooperation with a partner located outside of the UK. The research's goal is to ascertain how the digital transformation affects the environment. Using the quantitative and qualitative method, the information from an adult population who have genuine interest on the research topic will be gathered. A survey will be conducted through questionnaire with particular sample. Around 70 samples will be prepared and distributed to the participants. Qualitative research method will be used as it offers a precise, in-depth analysis of the topic matter, similar to thematic analysis. And, quantitative research method will be used for easy evaluation, clearer and more objective results. Data will be collected mainly from primary source as primary data offer unfiltered knowledge and first-hand proof. It also provides us with immediate access to the research topic. Also the secondary data since it offers second-hand information and opinion from other studies will be used for the review. The responses from the respondents will be gathered and analyzed through methods such as mean, median, mode, and frequency distribution to draw conclusion about the overall research.

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Section 4: Participants

Please answer the following questions, giving full details where necessary.

Will your research involve human participants?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Who are the participants? Tick all that apply:			
Children aged 12–16: <input type="checkbox"/>	Young people aged 17–18: <input type="checkbox"/>	Adults: <input checked="" type="checkbox"/>	
How you will use to inform participants about what you are doing?			
Email: <input type="checkbox"/>	Phone/Text: <input checked="" type="checkbox"/>	Others (please specify): <input type="checkbox"/>	
How will you obtain consent from participants? Will this be written? How will it be made clear to participants that they may withdraw consent to participate at any time?			
All participants will be provided a consent form that includes all the information about the research and asked to sign the form. Participants will be reassured that their participation is entirely voluntary and that they can withdraw from the research if they do not want to continue.			
Studies involving questionnaires:			
Will participants be given the option of omitting questions they do not wish to answer?		Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
If No, please explain why below and ensure that you cover any ethical issues arising from this:			
Studies involving observation:			
Confirm whether participants will be asked for their informed consent to be observed.		Yes: <input type="checkbox"/>	No: <input type="checkbox"/>

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Will you debrief participants at the end of their participation (i.e. give them a brief explanation of the study)?	Yes: <input type="checkbox"/>	No: <input type="checkbox"/>
Will participants be given information about the findings of your study? (This could be a brief summary of your findings in general.)	Yes: <input type="checkbox"/>	No: <input type="checkbox"/>

Section 5: Data storage and security

Confirm that all personal data will be stored and processed in compliance with the Data Protection Act (1998) UK:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
Who will have access to the data and personal information?		
Supervisor Mr. Samartha Bikram Thapa and I will have access to data and personal information.		
During the research: Where will the data be stored?		
Data will be stored on the ISMT college's server.		
Will mobile devices (such as USB storage and laptops) be used? If yes, please provide further details:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
Yes, mobile devices: USB storage, Laptops, and iPad will be used for easy data collection, storage of information, and information security.		
After the research: Where will the data be stored?		
Data will be stored in College, following the data protection act.		
How long will the data and records be kept and in what format?		
As per the data protection act policy, data will be stored as required in a suitable format.		

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Will data be kept for use by other researchers? If yes, please provide further details:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
Yes, data and information will be kept for other researchers and will be made available upon request.		

Section 6: Ethical issues

Are there any particular features of your proposed work which may raise ethical concerns? If so, please outline how you will deal with these:
No
It is important that you demonstrate your awareness of potential risks that may arise as a result of your research. Please consider/address all issues that may apply. Ethical concerns may include, but are not limited to the following:
<ul style="list-style-type: none"> • Informed consent. • Potentially vulnerable participants. • Sensitive topics. • Risks to participants and/or researchers. • Confidentiality/anonymity. • Disclosures/limits to confidentiality. • Data storage and security, both during and after the research (including transfer, sharing, encryption, and protection). • Reporting • Dissemination and use of your findings

Section 7: Declaration


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I have read, understood, and will abide by <i>International School of Management and Technology's</i> Research Ethics Policy:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
I have discussed the ethical issues relating to my research with my Unit Tutor:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>

I confirm that to the best of my knowledge:

The above information is correct and this is a full description of the ethical issues that may arise in the course of my research.

Name: Prativa Chhantyal

Signature: 

Date: 25th November 2022