



Research Ethics Review Form

All students undertaking research in the Faculty of Computing must fill in and submit this form to the supervisor during before the project proposal evaluation.

SECTION 1

1. Project/research type

<input checked="" type="checkbox"/> B.Sc	<input type="checkbox"/> M.Sc	<input type="checkbox"/> MPhil/PhD
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2. Project/research details

Project ID (if any)	24-25J-012
Research Title	Wearable IOT - Enabled belt for elephant protection & emergency identification

3. Student details (if the project is a group project, insert the details of group leader first)

Student ID	Name	Email	Phone
IT21202254	Perera B.A.D.K.S	it21202254@my.sliit.lk	0773087693
IT21301704	De Silva L.M.C	It21301704@my.sliit.lk	0712761301

4. Supervisor details

Supervisor Name	Prof. Anuradha Jayakody
Co-supervisor Name (if any)	Ms. Uthpala Samarakoon
External supervisor (if any)	

SECTION 2: DATA COLLECTION AND STORAGE

Read the following table before answering the questions.

Data Source	Description	Data Collection Methods
Primary Data	Primary data collection happens when researchers obtain information directly from the original sources.	Survey/ Interviews/ Observation/ Focus groups/ New Images etc.

Secondary Data	Datasets already gathered from previous research. This data is usually already analyzed and put into context. Sources of secondary data can include:	Books / Past research papers / Annual reports / Newspapers / Reports / Websites / Online Databases etc.
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Provide details of all data required for your project. (Indicate what data will be required for each component, where the data is available, and how you plan to collect that data.)

Research Component	Data required. (e.g. Images of leaves)	Amount of Data Required	Data Source (Primary /Secondary)	Collection Method
Biometric Data Analysis & Real-Time Alerting System	Health Data of Elephants	200,000	Primary	Get All data in Wildlife department
Track Elephant Movements and Emergency Responds	Elephant Accident and Movement data	200,000	Primary	Get All data in Wildlife department

5. DATA COLLECTION: If you require primary data, do you intend to collect data from following groups?

<input type="checkbox"/>	Children or young people
<input type="checkbox"/>	Pregnant women
<input type="checkbox"/>	Individuals with cognitive disabilities
<input type="checkbox"/>	People suffering from specific diseases
<input checked="" type="checkbox"/>	Animals
<input type="checkbox"/>	Certain group of people involved in an organization

6. DATA COLLECTION: If you are collecting information related to people, in what form will be the data collected?

<input type="checkbox"/>	Individually identifiable	Data can directly lead to the identification of an individual or organization
<input type="checkbox"/>	Re-identifiable*	Data indirectly leads to the identification of a person or organization (even through direct identifiers are removed)
<input checked="" type="checkbox"/>	Non-Identifiable	Data does not lead to the identification of a specific individual

*Anonymous data from which the individual could be discovered

7. DATA COLLECTION: Does your project possibly cause/involve any of the following?

<input type="checkbox"/>	Physical stress/distress, or discomfort to participants
<input type="checkbox"/>	Psychological/mental stress/distress, or discomfort to participants
<input type="checkbox"/>	Collection of sensitive/confidential data of individuals
<input type="checkbox"/>	Collection of confidential data of organizations
<input type="checkbox"/>	Development of a product harmful for a particular group or society

8. DATA COLLECTION: Explain the procedures you will be following to ensure privacy of participants or organizations during data collection, data analysis and publishing of results.

<input type="checkbox"/>	Before the data collection, participants will be given an information sheet to create awareness
<input type="checkbox"/>	Data will be collected only from the participants who have given consent through a consent form
<input checked="" type="checkbox"/>	Personally identifiable data will not be collected
<input type="checkbox"/>	If identifiable data is present in the data set, data will be either anonymized or coded

Additional Measures:

9. DATA STORAGE: If you are collecting information related to people, in what form will the data be stored?

<input type="checkbox"/>	Individually identifiable	<input type="checkbox"/>	Re-identifiable	<input type="checkbox"/>	Non-Identifiable
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10. DATA STORAGE: Where will data be stored and what measures will be taken to ensure security of data ?

<input type="checkbox"/>	Paper-based data stored in locked filing cabinets within SLIIT.
<input checked="" type="checkbox"/>	Data stored in hard-drives and computers will be protected by password and encryption.
<input type="checkbox"/>	Data will be anonymized and will not be re-identifiable.
<input type="checkbox"/>	After the completion of the project, all data will be permanently deleted from all student devices. Only a single copy will be securely stored within a repository in the institution.

Additional measures:

11. How would you rate the overall risk associated with the research? (These risks may occur when the collected data is exposed to unauthorized parties, etc.)

<input type="checkbox"/> High Risk	<input type="checkbox"/> Low Risk	<input checked="" type="checkbox"/> Negligible Risk
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12. Declaration of the participants.

I/we certify that the details given above are accurate and agree to adhere to the conditions of approval specified by the panel. Furthermore, I/we will inform the FoC Research Project coordinator and FoC Ethics Committee of any deviation from the specified details.

Student ID	Name	Signature
IT21202254	Perera B.A.D.K.S	<i>K. Sena</i>
IT21301704	De Silva L.M.C	<i>LMC</i>

13. Approval of the Supervisor

Supervisor Recommendation (please select one option)	<input type="checkbox"/> Ethics committee Approval NOT Required
	<input checked="" type="checkbox"/> Ethics committee Approval Required
	<p>If approval required, clearly specify the reasons:</p> <div style="border: 1px solid black; padding: 10px; min-height: 100px;"> <p><i>This project work with Elephant movement & bio metric data.</i></p> </div>

Supervisor Name	Supervisor Signature	Date
Prof. Anuraagha Jayaraj		04/03/2023

**** Please note that if the supervisor has recommended that Ethics Review Committee approval is required, student must fill the 'Ethics Review Form' of the SLIIT ERC and submit it to the faculty Ethics Sub-committee (foc.erc@sliit.lk).**