Title

Abstract (Optional)

Introduction

- Motivation
- Social/ethical issues
- Environment/ sustainability issues
- Related works [briefly]
- Limitation of previous work [briefly]
- Problem statement
- Our propose method [briefly]
- Organization of the report

Background Study

- All the background knowledge gathered throughout the last semester to understand the terms and terminology related to the field. (Example: An introductory knowledge of Machine Learning and Deep Learning)

Related Works

- Review the related previous works
- Limitation of previous work

Proposed Solution

- Explain the proposed solution with necessary diagrams
- Identify outcomes and functional requirements by considering the software/hardware specification and standards

Time Schedule and Budget

- Time schedule
- Budget

Conclusion (Optional)

Reference

Appendix (CEP Mapping)

How Ps are addressed through the project and mapping among Ps, COs, and POs

Ps	Attribute	How Ps are addressed through the project	COs	POs

How As are addressed through the project

As	Attribute	How As are addressed through the project

Proposed Assessment Plan (4-1 Only)

COs	Description	Marks	Mapping with Section/Subsection
CO1	Identify a real-life problem that can be translated to an engineering and/or computing solution through design, development and validation	30	• Introduction – 5 [over all] • Related works – 5 • Explain the proposed solution with necessary diagrams – 5 • Background Study- 5 • How Ps are addressed through the project and mapping among Ps, COs, and POs -5 • How As are addressed through the project-5
CO2	Identify outcomes and functional requirements of the proposed solution considering software and/or hardware specification and standards	10	• Identify outcomes and functional requirements by considering the software/hardware specification and standards - 10
CO3	Identify sub components of a complex problem, prepare timeline and appropriate budget using the project management skill	10	• Time schedule – 5 • Budget - 5
CO4	Identify and validate the impact of environmental considerations and the sustainability of a system/subsystem of a complete project	5	• Environment/ sustainability issues - 5

CO5	Assess professional, ethical, and social impacts and responsibilities of the design project	5	• Social/ethical issues - 5
CO8	Present design project results through oral presentations	20	• Quality of ppt contents – 5 • Speech – 5 • Body language – 5 • Q/A - 5
CO6	Function effectively in a multi-disciplinary team	20	• Attendance report in regular meeting with Supervisor and External- 5 • Observation by analyzing the contribution report in version control system like Git - 5 • Supervisor will investigate each individual students throughout the semester using their own methods – 10