



American International University- Bangladesh (AIUB)
Faculty of Engineering (FE)
Department of Electrical and Electronic Engineering (EEE)

Course Project Report Outline (Electronic Devices Lab)

1. Download the attached IEEE template for report writing from the link given in TEAMS.
2. Title, Abstract (at least 150 words but not more than 300 words) and Keywords (3-6 keywords separated by a comma). **ABSTRACT - TISHAT**
[2 marks]

3. Introduction **ABIR**

3.1. Background of Study and Motivation	[1 mark]
3.2. Project Objectives	[1 mark]
3.3. A brief Outline of the Report	[1 mark]

4. Literature Review - **TISHAT** *(At least 5 project-related published journal papers within the year 2018 to 2022)*
[3 marks]

5. Methodology and Modeling

5.1. Introduction OPI	[1 mark]
5.2. Working Principle of the Proposed Project OPI	[1 mark]
5.2.1. Process of Work	[1 mark]
5.3. Description of the Components JAHID	[1 mark]
5.4. Test/Experimental Setup JAHID	[1 mark]

6. Results and Discussions

6.1. Simulation/Numerical Analysis JAHID	[1 mark]
6.2. Measured response/Experimental Results shohan	[1 mark]
6.3. Comparison between Numerical and Experimental Results shohan	[1 mark]
6.4. Cost Analysis RAFI	[1 mark]
6.5. Limitations in the Project RAFI	[1 mark]

7. Conclusion and Future Endeavors **RAFI**
[1 mark]

References

[1 mark]

Appendix (if any, optional)



American International University-Bangladesh (AIUB)

Faculty of Engineering (FE)

Department of Electrical and Electronic Engineering (EEE)

Course Name:		Course Code:	EEE
Semester:	Spring 2023-2024	Section:	
Faculty Name:	Md. Shaoran Sayem		

Capstone Project Title:	
Project Group #:	

SL #	Student Name	Student ID #
1.		
2.		
3.		
4.		
5.		
6.		

Assessment Materials and Marks Allocation:

CO/ CLO Number	CO/CLO Statement	K	P	A	Assessed Program Outcome Indicator	BNQF Indicat or	Teaching- Learning Strategy	Assessment Strategy
2	Select engineering tools (e.g., MULTISIM) to simulate different electronic circuit problems considering the limitations.	K6	P1 P4 P5		P.e.1.C6	FS.6		Capstone Project Report
3	Communicate effectively by giving and responding to clear instructions to produce an effective presentations for complex engineering solutions			A1 A3 A5	P.j.1. A2	SS.1		Capstone Project Presentation

Assessment Rubrics:

COs	Excellent to Proficient [5-4]	Good [3]	Acceptable [2]	Unacceptable [1]	No Response [0]	Secured Marks
CO3 P.d.1.P3	The outcome of the project demonstrates a course project using semiconductor devices, passive components, etc. that can solve a complex engineering problem in the electrical and electronic engineering discipline through appropriate research.	The outcome of the project somewhat demonstrates a course project using semiconductor devices, passive components, etc., and also somewhat solves a complex engineering problem in the electrical and electronic engineering discipline through some research.	The outcome of the project demonstrates a course project using semiconductor devices, passive components, etc. but cannot solve a complex engineering problem properly in the electrical and electronic engineering discipline through appropriate research.	The outcome of the project does not demonstrate a course project using semiconductor devices, passive components, etc. also could not solve a complex engineering problem in the electrical and electronic engineering discipline through appropriate research.	No Response at all/copied from others/ identical submissions with gross errors/image file printed	

Comments		Total Marks (5)	
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