Course Name	GREEN COMPUTING		Course Code	COMP-595	
Credit Hours	3		Contact Hours	Lec: 2	Lab: 2 / Total: 4
Offered as	☐ University Requirement ☐ College Requirement ☒ Program Requirement ☒ Core ☐ Elective ☐ ITEC ☒ COMP ☐ CNET				
Level	10		Prerequisite	NIL	

Course Description:

To acquire knowledge to adopt green computing practices to minimize negative impacts on the environment, skill in energy saving practices in their use of hardware, examine technology tools that can reduce paper waste and carbon footprint by user, and to understand how to minimize equipment disposal requirements.

Course objectives:

- Acquire knowledge to adopt green computing practices to minimize negative impacts on the environment.
- Enhance the skill in energy saving practices in their use of hardware.
- Evaluate technology tools that can reduce paper waste and carbon footprint by the stakeholders.
- Understand the ways to minimize equipment disposal requirements.

Assessment Methods							
	Exam-1 ☒	10%	Exam-2 ☒	10%	Assignments ☒	20%
	Attendance ☐	-	Lab Exam ☒	20%	Final Exam ☒	40%

Text Book:

- Bhuvan Unhelkar, ―Green IT Strategies and Applications-Using Environmental Intelligence, CRC Press, June 2014.
- Woody Leonhard, Katherine Murray, ―Green Home computing for dummies, August 2012.

References:

- Alin Gales, Michael Schaefer, Mike Ebbers, ―Green Data Center: steps for the Journey, Shroff/IBM rebook, 2011.
- John Lamb, ―The Greening of IT, Pearson Education, 2009.