



**GANAPATI INSTITUTE OF ENGINEERING AND TECHNOLOGY**  
**Mathasahi, Jagatpur, Cuttack- 754200, Odisha**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**LESSON PLAN**

Discipline: Electrical Engineering, Civil Engineering, ETC	Semester: 2nd	Name of the Faculty: <b>RAJLAXMI SAHOO</b>
Subject: Introduction To IT Systems Theory-1	No. of Days/week: 03	Start Date: 09.01.2026 End Date: 08.05.2026

Week	Class Day	Theory Topics
1st	1st	Introduction to Computer System & Generation of Computer
	2nd	Basic Internet skills.
	3rd	Understanding Browser & it's features.
2nd	1st	Efficient use of Search engines,
	2nd	Internet protocol & various types of IP.
	3rd	Awareness about Digit all india portals (state and National portals) and college portals.
3rd	1st	General understanding of various computer hardware components - CPU
	2nd	Introduction To Memory Unit & it's Types.
	3rd	RAM & ROM it's types.
4th	1st	Understanding to Cachememory & Virtual Memory.
	2nd	Understanding about various ports of a Computer system.
	3rd	Understanding about Display Unit & it's types.
5th	1st	Key-board & various types of keys.
	2nd	Mouse & it's types.
	3rd	Introduction to Secondary Memory
6th	1st	Compatible Disk & DVD
	2nd	Understanding about HDD and other Peripheral Devices.
	3rd	Understanding about Various Registers used in Computer System
7th	1st	Quiz Test
	2nd	Introduction to Operating Systems.
	3rd	Types of Operating Systems.
8th	1st	Understanding about various catagories of an Operating System.
	2nd	Mobile Operating Systems



9th	1st	Introduction to MS Windows
	2nd	Installation of Operating Systems.(LinuxandMS Windows)
	3rd	Unix Shell and Commands,vi editor.
10th	1st	Introduction to HTML
	2nd	Basic HTML Tags
	3rd	Common elements of a basic html document.
11th	1st	Use of various table tags
	2nd	Use of form tag and image tag
	3rd	XML
12th	1st	DHTML
	2nd	CSS
	3rd	Other HTML Tags
13th	1st	Introduction To Open Office Tools:Open Office Writer
	2nd	Open Office Spreadsheet(Calc)
	3rd	Open Office Impress
14th	1st	Introduction To Information security
	2nd	VIRUS &It's Types, Anti Software
	3rd	Encryption &It's Types
15th	1st	Virtual Private Network., Firewall
	2nd	Email, SocialNetworking
	3rd	Revision

*Rajlaxmi Sahoo*  
12/Jan/26.  
SignOf Faculty

*[Signature]*  
12/1/26  
SignOf Sr.Lect.  
Sr. Lecture  
Math & Science  
J.I.E.T (Poly), Jagatpur, Ctr

*[Signature]*  
SignOfPrincipal

**Principal**  
**GIET (Polytechnic)**  
**Jagatpur, Cuttack**