

GANPAT UNIVERSITY									
FACULTY OF ENGINEERING AND TECHNOLOGY (DIPLOMA PROGRAMMES)									
Programme		Diploma Engineering			Branch/Spec.		Electrical Engineering		
Semester		II			Version		1.0.0.0		
Effective from Academic Year			2018-19		Effective for the batch Admitted in			June 2018	
Subject code		1ES112	Subject Name		Basic Skills of Computer				
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	0	0	1	0	1	Theory	00	00	00
Hours	0	0	2	0	2	Practical	30	20	50
Pre-requisites:									
None									
Learning Outcome:									
After successful completion of the course, student will be able to									
<ul style="list-style-type: none"> • Understand the word, spread sheet and power point • Understand the use of PSIM and Electrical symbols • Simulate various electrical circuits 									
Practical content									
No.	Topics								Hrs
1	To study about the command of word and prepare Letter writing in it.								04
2	To study about the command of spread sheet and prepare result sheet in it.								04
3	To study about the command of Power Point and prepare diwali card/birth day card.								04
4	To draw electrical symbols using PSIM Software.								02
5	Verify Ohm's law using PSIM Software.								02
6	Verify Kirchhoff's Current Law using PSIM Software.								02
7	Verify Kirchhoff's Voltage Law using PSIM Software.								02
8	Simulate series circuit using PSIM Software.								02
9	Simulate parallel circuit using PSIM Software.								02
10	Simulate Superposition Theorem using PSIM Software.								02
11	To draw the circuit of Star connection using resistors and observe voltage current relation of line and phase using PSIM Software.								02
12	To draw the circuit of Delta connection using resistors and observe voltage current relation of line and phase using PSIM Software.								02
References									
1	Computer Course – by R.K.Taxali Tata McGrawHillsMS								
2	Office for dummies by wallacewang								
3	PSIM software								