

Name of the faculty : **BINDU SINGH**  
 Discipline :  
 Semester : Electronics & Communication Engg.  
 Subject : IVth  
 Lesson : EDFT  
 Work Load (Lecture/Practical)Per week(In hours): 06 Hours

Week	Practical	
	Practical hours	Topic
1 <sup>st</sup>	1	Introduction About Subject
	2	Study Of Different Electronics Components.
2 <sup>nd</sup>	3	Physical Identification Of Electronics Components.
	4	Testing OF Passive Components.
3 <sup>rd</sup>	5	Testing OF Active Components.
	6	Practice of Soldering and DeSoldering.
4 <sup>th</sup>	7	Practice of Cabinet Making
	8	Revision
5 <sup>th</sup>	9	Study About Different Types Of Printed Circuit Board, board material, their characteristics, drilling, soldering technique . Introduction to data sheets of electronics components
	10	
6 <sup>th</sup>	11	
	12	
7 <sup>th</sup>	13	Demonstration on different types of measuring instruments , connectors and connecting leads
	14	
8 <sup>th</sup>	15	Practice of CAD of electronic circuits using different software.
	16	
9 <sup>th</sup>	17	Study about block diagram ,detailed diagram , testing and checking point in any electronic circuit.
	18	Preparation for making a electronic project by students
10 <sup>th</sup>	19	P CB layout designing ,Artwork, Etching process
	20	
11 <sup>th</sup>	21	PCB fabrication: Drilling, copper tracks checking ,component mounting
	22	
12 <sup>th</sup>	23	Assembly of prepared PCB on cabinet and their presentation.
	24	
13 <sup>th</sup>	25	Final stage of project it should be in working condition. If some faults occurs then try to remove it.
	26	
14 <sup>th</sup>	27	Prepare a project report.(hard copy) and Project Submission.
	28	
15 <sup>th</sup>	29	Revision ,Doubts clearance and viva .
	30	