

<b>Devi Ahilya University, Indore, India Institute of Engineering &amp; Technology</b>				<b>IV Year B.E. (Electronics &amp; Telecommunication Engg.)</b>			
<b>Subject Code &amp; Name</b>	<b>Instructions Hours per Week</b>			<b>Credits</b>			
<b>ETR8C1 PROJECT PHASE-II</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Total</b>
	<b>0</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>7</b>

**Learning Objective:** To provide a comprehensive hands on experience to the students about the development of a complete project starting from analysis to testing. The students can also take a research project for innovating a new idea and its implementation.

**Prerequisites:** Electronics and Computer related subjects till III year.

### **COURSE CONTENTS**

The major emphasis (but not limited to) shall be given on Microcontroller, Microprocessors, Analog and Digital Electronics/Communication ,VLSI and VHDL etc these are practice oriented areas of interest. The students shall be making the system, application or simulation packages depending upon the idea, technology chosen and expertise available. The architectural issues shall be important while the exposure to the technology needs to be gained by the students through thorough practice.

The students (in a batch) shall be required to be continuous interaction with the guide for the advice, guidance and facilities periodically and show the progress. They shall also be taking a certificate in the diary for satisfactory remarks or comments. Batch size shall be decided as per need and the quantum of the project.

The students shall make presentation and submit an originally drafted project reports periodically and at the end of the semester.

### **Learning Outcomes:**

Upon completing the course, Student would be able to:

- Work in a team
- Develop small working projects through designing, analysis and testing of model
- Able to give presentation on the project developed

### **BOOKS RECOMMENDED:**

[1] Reference books and web links of the relevant material the must be consulted as advised by the guide.