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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***No.*** | ***Workshop Practice (Lab)***  ***CLO’s*** | ***Bloom’s Taxonomy Level*** | ***PLOs*** | ***All Rubrics of Workshop Practice Lab*** | | | | |
| *Marks* | ***1*** | ***2*** | ***3*** | ***4*** |
| *1* | **Practice** basic electrical wiring of a house keeping in view the electrical safety and earthling concepts. | P3  (Guided  Response) | *1* | **Hardware Configurations** | The hardware configuration is not as per guidelines and requirements are not met | Some section of hardware configuration is correct | Most section of hardware configuration is correct and understands it well | The hardware configuration is properly done, and have good understanding about it |
| *2* | **Practice** developing beginner level printed circuit boards (PCBs) and learn working on Circuit Wizard and proteus as modern tool. | P3  (Guided  Response) | *5* | **Simulations** | The simulation is not as per guidelines and requirements are not met | Some section of code simulation is correct | Most section of simulation is correct and understands it well | The simulation is properly done, and have good understanding about it |
| *3* | **Comply** with the safety guidelines while dealing with high voltage setup and assist each other in group related tasks. | A-2  (Resonding) | *9* | **Team Work** | Rarely listens to, shares with, and supports the efforts of others. Often is not a good team member. | Often listen to, shares with and supports the efforts of others, but sometimes is not good team member. | Usually listen to, shares with, and supports the efforts of others. Usually, respectful and listening actively | Almost always listens to, shares with and supports the efforts of others. Tries to keep people working well together. |

**Workshop Practice Lab**

**RELEVANT PROGRAM LEARNING OUTCOME:**

The course is designed so that students will achieve the PLOs:

1. **PLO-01: Engineering Knowledge:** An ability to apply knowledge of mathematics, science and engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
2. **PLO-05: Modern Tool Usage:** An ability to create, select and apply appropriate techniques, resources and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
3. **PLO-09:** **Individual and Teamwork:** An ability to solve engineering problems, using available resources individually and with team to perform task with safety measurements.

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