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(57) Abstract :  
 3. Abstract: In digital electronics, logic gates are considered as the most elementary components of a digital circuit or a digital system. It is an electronic circuit that executes logical operations based on the inputs provided to it and produces a logical output that can be either "true" or "false". The operation of logic gates is based on the Boolean mathematics. In order to become proficient in digital electronics understanding logic gates is the basic requirement. Students often get confused to make a distinction between logic gates. Many Researchers are developing various effective teaching approaches like active learning techniques based on common student misconceptions to evaluate the effects of pedagogical changes. We proposed an active learning technique to comprehend logic gates effectively. We noticed that students felt very comfortable in realizing OR gate by this method and gave a very good feedback

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