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<b>Ex. No</b>	<b>List of Experiments</b>	<b>Conduct (MM: 12)</b>	<b>Viva (MM: 10)</b>	<b>Record (MM: 8)</b>	<b>Total (MM: 30)</b>	<b>Remarks/ Signature</b>
1.1	<b>Familiarization with Arduino/Raspberry Pi hardware and perform necessary software installation.</b>					
1.2	<b>Identification of different sensors used in IoT applications.</b>					
1.3	<b>Demonstration of Autodesk Tinkercad Simulation Platform.</b>					
1.4	<b>Program to interface the Arduino/Raspberry Pi with LED and blinking application.</b>					
2.1	<b>To measure the distance of an object using an ultrasonic sensor.</b>					
2.2	<b>Interfacing of Arduino/Raspberry Pi with temperature and humidity sensor with real time application.</b>					
2.3	<b>To display data generated by sensor on LCD using Arduino/Raspberry Pi.</b>					
3.1	<b>Interfacing Air Quality Sensor (MQ135) and display data on LCD.</b>					
3.2	<b>Real time application of controlling actuators through Bluetooth application using Arduino.</b>					
3.3	<b>Study the Implementation of Zigbee Protocol using Raspberry Pi/Arduino.</b>					