



**KSIT Bengaluru**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**ASSIGNMENT QUESTIONS**

<b>Academic Year</b>	<b>2022-2023</b>		
<b>Batch</b>	<b>2019-2023</b>		
<b>Year/Semester/Section</b>	<b>IV/VIII/B</b>		
<b>Subject Code-Title</b>	<b>I8CS81 – INTERNET OF THINGS</b>		
<b>Name of the Instructor</b>	<b>Mr. Krishna Gudi</b>	<b>Dept</b>	<b>CSE</b>

<b>Assignment No: I</b>		<b>Total marks: 10</b>		
<b>Date of Issue: 01/03/2023</b>		<b>Date of Submission: 10/03/2023</b>		
<b>Sl.No</b>	<b>Assignment Questions</b>	<b>K Level</b>	<b>CO</b>	<b>Marks</b>
1.	Explain the architectural view of a cloud-based IoT platform for smart home with neat diagram.	<b>Understa nding</b>	<b>CO1</b>	<b>2</b>
2.	Demonstrate how might the cyber security affect the development and implementation of the Internet of Things (IoT), especially in the USA?	<b>Understa nding</b>	<b>CO1</b>	<b>2</b>
3.	Compare between the traditional IT Cloud Computing Model and the IoT Data Management and compute stack.	<b>Understa nding</b>	<b>CO1</b>	<b>2</b>
4.	Illustrate with an example why an IDE is required for developing a device platform for an IoT application?	<b>Understa nding</b>	<b>CO2</b>	<b>2</b>
5.	Identify the use of Internet of Things with respect to the vision reflect use in smart lighting.	<b>Understa nding</b>	<b>CO2</b>	<b>2</b>