

## Sprint-2

**Team ID: PNT2022TMID32078**

**Project Name: IoT Based Smart Crop Protection System for Agriculture**

Source code is deployed on IBM Watson IoT platform to generate sensor data.

### Source Code:

```
{  
    "temp": random(90,110),  
    "Humid": random(60,100),  
    "Moist": random(0, 100),  
    "animal_dect":random(0,2)  
}
```

### Output:

The screenshot displays the IBM Watson IoT Platform interface. On the left, a sidebar contains navigation icons. The main panel shows a device configuration page for a device named 'abcd'. The 'Recent Events' tab is active, displaying a table of events. The table has two columns: 'Event' and 'Value'. The events are generated by an 'IoT Sensor' and contain JSON payloads with random values for 'temp', 'Humid', 'Moist', and 'Animal\_dect'.

Event	Value
IoT Sensor	{"temp":91,"Humid":67,"Moist":25,"Animal_dect..."}
IoT Sensor	{"temp":102,"Humid":78,"Moist":92,"Animal_dect..."}
IoT Sensor	{"temp":106,"Humid":69,"Moist":25,"Animal_dect..."}
IoT Sensor	{"temp":92,"Humid":79,"Moist":82,"Animal_dect..."}

On the right, a configuration panel for the device 'abcd' is visible. It includes a 'Send' button, a 'Schedule' dropdown set to 'Every Minute', and a 'Payload' editor. The payload editor shows a JSON object with the same structure as the events in the table, with values generated by random functions.

```
{  
  "temp": random(90,110)  
  "Humid": random(60,100)  
  "Moist": random(0,100)  
  "Animal_dect": random(0,2)  
}
```