

## Creation of IBM Watson IOT platform and device

Team ID	PNT2022TMID07013
Project Name	Smart Waste Management System for Metropolitan Cities

Step 1: Login into IBM CLOUD account.

Step2: Click on catalog and search for IOT platform.

Step 3: Then search for IOT Watson platform then click on create.

Step 4: Then click on add device and give the device type and necessary details then click finish.

Step 5: Finally, IOT Watson platform is successfully created.

### Screenshots of IBM Watson IOT platform and device:

The screenshot displays the IBM Watson IoT Platform web interface. At the top, the header shows the user's email (raga.191810@gct.ac.in) and a profile icon. The main navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A blue 'Add Device' button is visible in the top right. Below the navigation bar, a message states: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' A search bar labeled 'Search by Device ID' is present. The main content area features a table with columns: Device ID, Status, Device Type, Class ID, Date Added, Descriptive Location, Added By, Device Class, Firmware Version, Hardware Version, and Manufacturer. One device is listed with ID 1205, Status 'Disconnected', and Type 'Weather\_Device'. Below the table, a detailed view for device 1205 is shown, including fields for Device ID, Device Type, Date Added, Added By, and Connection Status. The bottom of the interface shows 'Items per page 50' and '1 of 1 page'. A small notification at the bottom right indicates '1 Simulation running'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By	Device Class	Firmware Version	Hardware Version	Manufacturer
1205	Disconnected	Weather_Device	Device	Nov 17, 2022 7:52 PM		raga.191810@gct.ac.in				

Device ID: 1205  
Device Type: Weather\_Device  
Date Added: Nov 17, 2022 7:52 PM  
Added By: raga.191810@gct.ac.in  
Connection Status: Disconnected

1 Simulation running

