

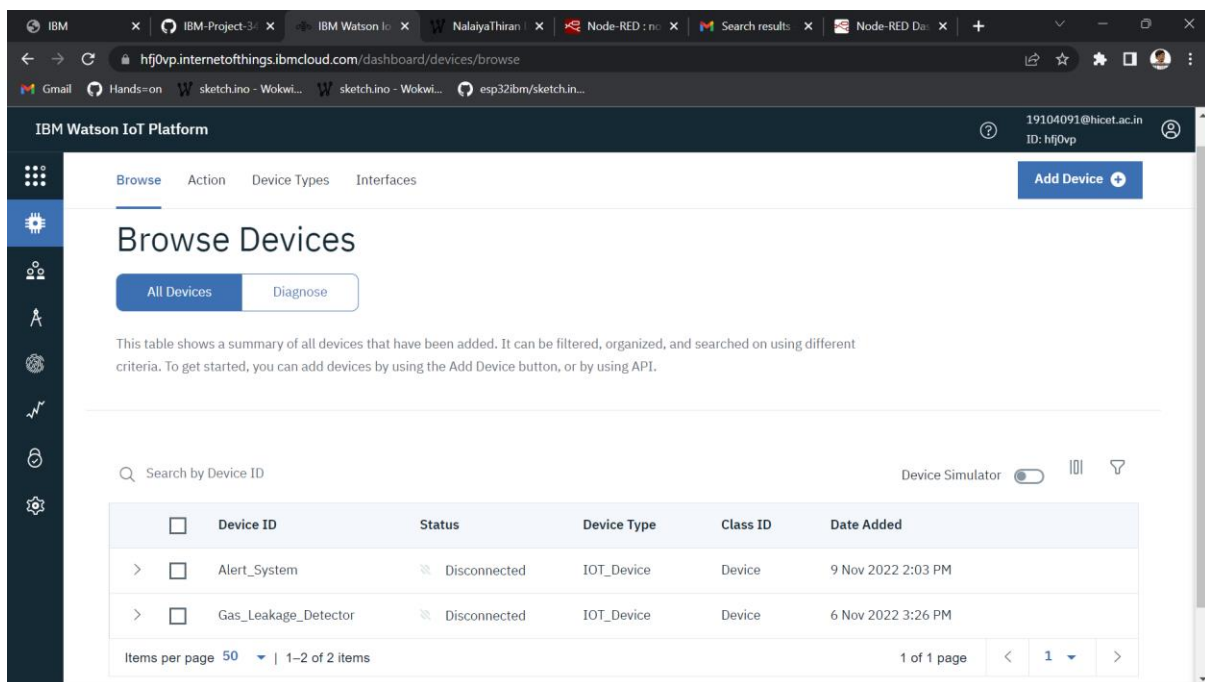
# HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

## (AUTONOMOUS)

Team ID	PNT2022TMID10014
Project Name	Project - IOT Gas Leakage Monitoring and Alerting System.

### SPRINT 2:

In this sprint we have created IBM Watson internet of things platform cloud services and 2 devices, one for publishing sensor data another one for subscribing to alert system.



The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar shows the user's profile and ID: 19104091@hiet.ac.in, ID: hfj0vp. The main content area is titled 'Browse Devices' and includes a search bar and a table of devices. The table has columns for Device ID, Status, Device Type, Class ID, and Date Added. Two devices are listed: 'Alert\_System' and 'Gas\_Leakage\_Detector', both with a status of 'Disconnected' and a device type of 'IOT\_Device'. The page also includes a sidebar with navigation icons and a bottom section with pagination controls.

Device ID	Status	Device Type	Class ID	Date Added
Alert_System	Disconnected	IOT_Device	Device	9 Nov 2022 2:03 PM
Gas_Leakage_Detector	Disconnected	IOT_Device	Device	6 Nov 2022 3:26 PM

Here the random sensor data are successfully published in the json format from the python code that we have developed during the previous sprint.

The screenshot displays the IBM Watson IoT Platform dashboard. The top navigation bar includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces'. A sidebar on the left contains icons for various IoT functions. The main content area shows a device named 'Gas\_Leakage\_Detector' with a status of 'Connected'. Below the device name, there are tabs for 'Identity', 'Device Information', 'Recent Events', 'State', and 'Logs'. The 'Recent Events' tab is active, displaying a table of live data events.

Event	Value	Format	Last Received
event	{"temperature":-4,"humidity":0,"gas":4998,"alert..."	json	a few seconds ago
event	{"temperature":-5,"humidity":27,"gas":5633,"ale..."	json	a few seconds ago
event	{"temperature":-36,"humidity":35,"gas":3486,"al..."	json	a few seconds ago
event	{"temperature":25,"humidity":97,"gas":417,"aler..."	json	a few seconds ago
event	{"temperature":69,"humidity":100,"gas":4701,"a..."	json	a few seconds ago