

LITERATURE SURVEY

HAZARDOUS AREA MONITORING SYSTEM FOR INDUSTRIAL POWER PLANT BY IOT

S. No	Reference	Advantages	Date
1.	Sulfur Hexafluoride Gas Leakage Monitoring and Early-Warning Method for Electrical Power Facilities	Device to maintain harmful gas(sulphur hexafluoride) below specified level	14 th July 2020
2.	Pervasive and Personalized Ambient Parameters Monitoring: A Wearable, Modular, and Configurable Watch	An innovative, small, compact, light-weighted, configurable, and low power consumption wrist-worn prototype in the area of ambient parameters monitoring	6 February 2019
3.	Pre-Alarm System Based on Real-Time Monitoring and Numerical Simulation Using Internet of Things and Cloud Computing for Tailings Dam in Mines	Real-time pre-alarm for the instability of tailings dam is vital to ensure the normal mining and safety of human lives and properties	18 September 2017

4.	Hierarchical Edge Computing: A Novel Multi-Source Multi-Dimensional Data Anomaly Detection Scheme for Industrial Internet of Things	Real-time data anomaly detection can predict the probability of occurrence of the abnormal event	18 September 2017
5.	FBG Sensors for Environmental and Biochemical Applications—A Review	Fibre Bragg grating is the perturbation of the refractive index imprinted within the core of an optic fibre via an intense UV laser. The gratings, when perturbed by external parameter changes, will induce a shift in their wavelength, indicating detection. With modifications such as hygroscopic coating and different grating profile imprinting, FBG can detect various physical and chemical parameters.	23 March 2020