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(57) Abstract :

SMART LAB ONLINE TEMPERATURE MONITORING SYSTEM Accordingly, embodiments herein disclose a smart lab online temperature monitoring system for laboratories and industries using wireless technology, comprising of: a monitoring unit which is configured to connect with room Wi-Fi; and a plurality of sensors from a plurality of modules which is configured to place inside the monitoring unit which is to be monitored. Once connected the monitoring unit start sending the readings to an online server in a regular interval of time. The data is saved, analyzed for alarms, converted to downloadable data files, graphical representations by a product. The plurality of modules in alarm condition is highlighted to draw user attention such that the user can have options to change password, admin status, acceptable range set points for each module, view and download data logs, graphs, and machine logs through an interface.

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