

# Smart Laboratories

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**Abstract:** Lab Automation is the automatic or semi- automatic control and monitoring of household appliances and residential lab features like doors, Gate, light, fans and even the windows. The IOT definition has been evolved due to convergence of multiple technologies like, The Real Time Analysis, Commodities Sensors and Embedded systems. IOT technology is used more for making the home to a smart lab. In this paper, an IOT based low-cost smart lab automation system is proposed. The main objective of this system is to make human life easy and comfortable by using IOT. Now a day as people are so busy with their work pressure so the will be looking for a smarter life style. Lab automation or domestics is building automation for a lab, called a smart lab or smart lab. A lab automation system will control lighting, climate, entertainment systems, and appliances.

**Keywords :**IoT, Sensors, LCD, Relay.

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