**REVIEW**

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| Title | **Internet of Things (IOT) Based System for Monitoring and Controlling Air Pollution** |
| Type | Elixir International Journal |
| Volume & Page | Elixing Comp. Engg 130 (2019) 53082 - 53084 |
| Year | 2019 |
| Author | Vivek Waghmare, Aishwarya Hirve, Shubhangi Bhavsar, Urmila Dingore and Ruchika Mahajan |
| Reviewer | Agung Purwanto |
| Date | 27 November 2019 |
| Objective(s) | The system to monitor the air of environment using IoT technology is proposed to detect quality of air and send information to the Air Pollution Control Officer and the owner of Industry through mail and message |
| Subject | The system using raspberry pi as main controller. Also proposed system uses the different sensors like optical dust sensor (PM 2.5), digital gas sensor (CCS811), TVOC Stands for the total volatile organic compound, BMP085 as barometric pressure sensor, and MQTT is stand for message queuing telemetry transport. |
| Strength(s) | * Low cost * Can measure concentrations of gases such as CO, CO2, SO2, and NO2 * Powerless (ultra low power digital gas sensor) * High accuracy (using optical dust sensor) |
| Weakness(es) | The proposed system over comes the problem of pollution of industrial area which is measure issue and reduced man power.  Controlling air pollution in this journal just send information to Air Pollutiob Control Officer and the owner of industry. |