

## **REFERENCES**

1. Putra, F.H., Kridalaksana, H.A. and Arifin, Z., 2017, 'Rancang Bangun Alat Pendeteksi Kebocoran Gas LPG dengan Sensor MQ-6 Berbasis Mikrokontroler melalui Smartphone Android sebagai Media Informasi', Jurnal Informatika Mulawarman, Vol 12, No.1. See <https://osf.io/preprints/inarxiv/bnhs5/> accessed march 17, 2020.
2. Hidayat, D., Walid, M. and Makruf, M., 2017, 'Sistem Pendeteksi Kebocoran Gas LPG Berbasis SMS Gateway', Seminar Nasional Humaniora & Aplikasi Teknologi Informasi 2017. See <http://proceeding.uim.ac.id/index.php/sehati/article/view/58> accessed march 17, 2020.
3. Hakim, L. and Yonatan, V., 2017, 'Deteksi Kebocoran gas LPG menggunakan Detektor Arduino dengan Algoritma Fuzzy Logic Mamdani', Jurnal Resti (Rekayasa Sistem dan Teknologi Informasi), Vol 1, No.2. See <http://jurnal.iaii.or.id/index.php/RESTI/article/view/35> accessed march 17, 2020.
4. Ramadhan, I.L., Syauqy, D. and Prasetyo, H.B., 2017, 'Sistem Pendeteksi Kebocoran Gas LPG Menggunakan Metode Fuzzy yang Diimplementasikan dengan Real Time Operating System (RTOS)', Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer, Vol 1, No.11. See <http://j-ptiik.ub.ac.id/index.php/j-ptiik/article/view/397> accessed march 17, 2020.
5. Hutagalung, D.D., 2018, 'Rancang Bangun Alat Pendeteksi Kebocoran Gas dan Api dengan Menggunakan Sensor MQ-2 dan Flame Detector', Jurnal Rekayasa Informasi, Vol 7, No.2. See <https://ejournal.istn.ac.id/index.php/rekayasainformasi/article/view/279> accessed march 17, 2020.
6. Gunawan, D., Margono. and Sudrajat, 2018, 'Detektor Gas Menggunakan Sensor MQ-9 berbasis Mikrokontroler Arduino UNO di Politeknik Penerbangan Surabaya', Seminar Nasional Inovasi Teknologi Penerbangan (SNITP) Tahun 2018. See <https://ejournal.poltekbangsby.ac.id/index.php/SNITP/article/view/439> accessed march 17, 2020.
7. Hidayat, I., 2018, 'Gas Leak Detection System Using MQ-6 Based On Wireless Sensor Network', Techno COM, Vol 17, No.4. See <http://publikasi.dinus.ac.id/index.php/technoc/article/view/1771> accessed march 17, 2020.
8. Albar, Joi, I. and Helmudrya, R., 2017, 'Prototype Pendeteksi Kebocoran Gas LPG Pada Gudang Penyimpanan Gas LPG Berbasis Mikrokontroler', Elektron Jurnal Ilmiah, Vol 9, No.2. See

<http://103.252.189.56/index.php/jie/article/view/88> accessed march 17, 2020.

9. Sinaga, F.S., Lase, K.B., Putta, S.P., Partiwin, J. and Azmi, F., 2019, 'Implementasi Fuzzy Logic Tsukamoto untuk Deteksi Gas LPG Berbasis Arduino', Jurnal Mantik Penusa, Vol 3, No.1.1. See <http://e-jurnal.pelitanusantara.ac.id/index.php/mantik/article/view/581> accessed march 17, 2020.
10. Andriana, Zulkarnain. and Herpuji, B.S., 2019, 'Monitoring dan Kendali Jarak Jauh Kebocoran Gas LPG Berbasis Android', Jurnal Universitas Langlangbuana. See <http://jurnalunla.web.id/tiarsie/index.php/tiarsie/article/view/32> accessed march 17, 2020.
11. Widiyaman, T., & menulis, T. W. F. of W. D. (2020, February 5). *Cara Menyimpan Data Sensor Nodemcu ke MYSQL Database*. <https://www.warriornux.com/menyimpan-data-sensor-ke-mysql-database-dengan-nodemcu-esp8266/>.
12. Rouse, M. (2016, August 26). What is fuzzy logic? - Definition from WhatIs.com. Retrieved July 06, 2020, from <https://searchenterpriseai.techtarget.com/definition/fuzzy-logic>.
13. Zuo, B. (2020, June 06). Grove - Gas Sensor(MQ5). Retrieved July 06, 2020, from [https://wiki.seeedstudio.com/Grove-Gas\\_Sensor-MQ5/](https://wiki.seeedstudio.com/Grove-Gas_Sensor-MQ5/)
14. Alselectro. (2018, April 14). WiFi ESP8266 Development Board WEMOS D1. Retrieved July 5, 2020, from alselectro website: <https://alselectro.wordpress.com/2018/04/14/wifi-esp8266-development-board-wemos-d1/#:~:text=WEMOS%20D1%20is%20a%20WIFI>
15. Buzzer Description  
[http://tinkbox.ph/sites/tinkbox.ph/files/downloads/5V\\_BUZZER\\_MODULE.pdf](http://tinkbox.ph/sites/tinkbox.ph/files/downloads/5V_BUZZER_MODULE.pdf)