DAFTAR PUSTAKA

[1] Dias Prihatmoko, "Penerapan Internet of Things (iot) Dalam Pembelajaran," *Simetris*, vol. 7, no. 2, pp. 567–574, 2016.

[2] R. L. S. Panjaitan Susianto; Altway, Ali; Sembiring, Samuel, "Pemanfaatan Gas Alam Sebagai Lpg (Liquified Petroleum Gas)," *J. Tek. ITS*, vol. 8, no. Vol 8, No 2 (2019), pp. F206–F211, 2019, [Online]. Available: http://ejurnal.its.ac.id/index.php/teknik/article/view/47079.

[3] A. W. Pradipta, "Rancang Bangun Alat Deteksi Kebocoran Gas Lpg Serta Penanggulangan Kebakaran Menggunakan Sensor Mq-2 dan Flame Modul Berbasis Microkontroler Arduino," Universitas Semarang, Semarang, 2019.

[4] H. A. Dharmawan, "*Microcontroller*: Konsep Dasar dan Praktis - Hari Arief Dharmawan - Google Buku." https://books.google.co.id/books?hl=id&lr=&id=GQJODwAAQBAJ&oi=fnd&pg=PR1&dq=pengertian+*Microcontroller*&ots=oCSkD-T1mZ&sig=pGLEbB7Y4n3YNfbsxXi_qzfyVEo&redir_esc=y#v=onepage&q=pengertian *Microcontroller*&f=false (accessed Dec. 06, 2021).

[5] Destiarini and P. W. Kumara, "Robot Line Follower Berbasis Mikrokontroller Arduino Uno Atmega328," *J. Informanika*, vol. 5, no. 1, pp. 18–25, 2019.

[6] B. N. Azizi, "Overclocking Prosesor dan Pengaruhnya Dalam Proses Video Rendering," Institut Seni Indonesia, Surakarta, 2019.

[7] M. Arofik, E. D. Marindani, and D. Suryadi, "Suara Menggunakan Arduino Uno R3," *J. Tek. Elektro Univ. Tanjungpura*, vol. 1, no. 1, pp. 1–10, 2018.

[8] H. Santoso, “Panduan Praktis Arduino Untuk Pemula - Hari Santoso - Google Buku.” https://books.google.co.id/books?hl=id&lr=&id=869MDwAAQBAJ&oi=fnd&pg=PR1&dq=buku+arduino+ide&ots=4FnRUbrLO1&sig=PPfP9sq-QncL4YUGLZHAwpiQvHM&redir_esc=y#v=onepage&q&f=false (accessed Dec. 06, 2021).

[9] I. A. Ridlo, “Pedoman Pembuatan Flowchart,” *Academia.Edu*, p. 27, 2017, [Online]. Available: academia.edu/34767055/Pedoman_Pembuatan_Flowchart.

[10] S. Mluyati and S. Sadi, “Internet of Things (iot) Pada Prototipe Pendeteksi Kebocoran Gas Berbasis Mq-2 dan SIM800L,” *J. Tek.*, vol. 7, no. 2, 2019, doi: 10.31000/jt.v7i2.1358.

[11] Y. S. Handayani and A. Kurniawan, “Rancang Bangun Prototipe Pengendali Pintu Air Berbasis SMS (Short Message Service) Untuk Pengairan Sawah Menggunakan Arduino,” *J. Amplif. J. Ilm. Bid. Tek. Elektro Dan Komput.*, vol. 10, no. 2, pp. 34–41, 2020, doi: 10.33369/jamplifier.v10i2.15330.

[12] Dokumen Tips, “At Command.” https://dokumen.tips/documents/at-command-55b5137b4b091.html (accessed Dec. 06, 2021).

[13] Suharnawi, “Pengiriman Sms Dengan At Command Menggunakan Handphone Gsm Ht Seri G20,” *Techno.COM*, vol. 10, no. 1, pp. 1–6, 2011.

[14] F. A. Lutfi, “Perancangan Purwarupa Sistem Peringatan Kebocoran Gas Liquefied Petroleum Gas (Lpg) Program Studi Teknik Elektro Perancangan Purwarupa Sistem Peringatan Kebocoran Gas Liquefied Petroleum Gas (Lpg) Perancangan Purwarupa Sistem Peringatan Kebocoran Gas,” *Http://Eprints.Uty.Ac.Id/Id/Eprint/1585*, 2018.

[15] R. Sandra, V. Simbar, and A. Syahrin, “Prototype Sistem Pendeteksi Darah Menggunakan Arduino Uno R3,” *J. Teknol. Elektro, Univ. Mercu Buana*, vol. 8, no. 1, pp. 80–86, 2017.

[16] A. Tanjung, “Aplikasi Liquid Crystal Display (lcd) 16x2 Sebagai Tampilan Pada Coconut Milk Auto Machine,” Politeknik Negeri Sriwijaya, Palembang, 2015.

[17] Teori Elektronika, “LCD (Liquid Cristal Display),” 2021. https://elektronika-dasar.web.id/lcd-liquid-cristal-display/ (accessed Dec. 06, 2021).

[18] P. A. Nalwan, “lcd 16×2 karakter m1632 « DELTA ELECTRONIC ARTICLES,” 2017. http://delta-electronic.com/article/kri,krci, peraturan krci 2012, panduan krci 2012, peraturan krci, panduan krci/lcd-16x2-karakter-m1632/ (accessed Dec. 06, 2021).

[19] A. Faudin, “Cara mengakses modul display LCD 16x2,” 2017. https://www.nyebarilmu.com/cara-mengakses-modul-display-lcd-16x2/ (accessed Dec. 06, 2021).

[20] K. Iman, “LCD dengan I2C Module untuk Arduino | Khoirul Iman,” 2016. https://khoiruliman.wordpress.com/2016/06/07/lcd-dengan-i2c-module-untuk-arduino/ (accessed Dec. 11, 2021).

[21] R. Mardiati, F. Ashadi, and G. F. Sugihara, “Rancang Bangun Prototipe Sistem Peringatan Jarak Aman pada Kendaraan Roda Empat Berbasis *Microcontroller* ATMEGA32,” *TELKA - Telekomun. Elektron. Komputasi dan Kontrol*, vol. 2, no. 1, pp. 53–61, 2016, doi: 10.15575/telka.v2n1.53-61.

[22] M. Natsir, D. B. Rendra, and A. D. Y. Anggara, “Implementasi IOT Untuk Sistem Kendali AC Otomatis Pada Ruang Kelas di Universitas Serang Raya,” *J. PROSISKO (Pengembangan Ris. dan Obs. Rekayasa Sist. Komputer)*, vol. 6, no. 1, pp. 69–72, 2019.

[23] Ajie, “Berkreasi dengan Lampu LED pada Arduino | INDOMAKER,” 2018. http://indomaker.com/index.php/2018/12/15/berkreasi-dengan-lampu-led-pada-arduino/ (accessed Dec. 06, 2021).

[24] S. R. U. . S. Theodorus S Kalengkongan, Dringhuzen J. Mamahit, “Rancang Bangun Alat Deteksi Kebisingan Berbasis Arduino Uno,” *J. Tek. Elektro dan Komput.*, vol. 7, no. 2, pp. 183–188, 2018.

[25] D. Tekno, “Mengenal Battery Lithium 18650, bettery dengan power besar.” https://de-tekno.com/2018/05/mengenal-battery-18650-bettery-dengan-power-besar/ (accessed Mar. 07, 2022).

[26] F. N. Rachim, “Analisis Perbandingan Sensor Gas Mq2, TGS2610, HS-133 Untuk Mendeteksi Kebocoran Gas Lpg,” Universitas Muhammadiyah Malang, Malang, 2017.

[27] Insinyoer, “Apa Itu LPG?,” 2014. https://www.insinyoer.com/apa-itu-lpg/ (accessed Dec. 06, 2021).

[28] Suara Merdeka, “Mengenal Gas Elpiji, Jenis, dan Harga Jualnya | Rumah.com.” https://www.rumah.com/panduan-properti/gas-elpiji-36379 (accessed Dec. 06, 2021).

[29] S. J. Sokop, D. J. Mamahit, and S. Sompie, “Trainer Periferal Antarmuka Berbasis *Microcontroller* Arduino Uno,” *J. Tek. Elektro dan Komput.*, vol. 5, no. 3, pp. 13–23, 2016.

[30] S. Hadi and A. Adil, “Rancang Bangun Pendeteksi Gas Berbasis Sensor MQ-2,” *Semin. Nas. Sist. Inf. dan Tek. Inform. (SENSITIF 2019)*, pp. 327–334, 2020.

[31] A. Faudin, “Tutorial Arduino mengakses Sensor Flame,” 2017. https://www.nyebarilmu.com/tutorial-arduino-mengakses-sensor-flame/ (accessed Dec. 06, 2021).

[32] R. Widianto, “Rancang Bangun Kontrol Keamanan dan Peneranan Rumah Jarak Jauh Menggunakan Sistem Short Message Service(sms) Berbasis Mikrokontroller ATmega8,” Universitas Sumatera Utara, Medan, 2017.

[33] J. Robotika, “LM2596S Adjustable DC Step Down with Display 3 Digit Seven Segment.” http://www.jogjarobotika.com/dc-dc-converter/1686-lm2596s-adjustable-dc-step-down-with-display-3-digit-seven-segment-voltmeter.html?search_query=LM2596&results=10 (accessed Dec. 06, 2021).

[34] Ariansya, “Rancang Bangun Sistem Pendingin Ruangan Menggunakan Modul Termoelektrik Piltier TEC-12706 Berbasis *Microcontroller* Arduino uno,” Universitas Islam Negeri, Makassar, 2018.

[35] Ajie, “Komunikasi Serial Sinkron I2C/IIC/TWI dengan Arduino – Saptaji.com,” 2015. http://saptaji.com/2015/07/24/komunikasi-serial-sinkron-i2ciictwi-dengan-arduino/ (accessed Dec. 06, 2021).

[36] Ajie, “Tutorial Mencari Alamat I2C pada LCD | INDOMAKER,” 2018. http://indomaker.com/index.php/2018/12/22/tutorial-mencari-alamat-i2c-pada-lcd/ (accessed Dec. 06, 2021).

[37] Ardutech, “LCD I2C dengan Arduino,” 2019. https://www.ardutech.com/lcd-i2c-dengan-arduino/ (accessed Dec. 07, 2021).