

DAFTAR PUSTAKA

- Abdillah, H.M. (2015). "Sistem Monitoring secara real-time penyimpanan energi listrik dari wind turbine lentera angin nusantara.
- Ala Al-Fuqaha, M. A. (2015). Internet of Things: A Survey on Enabling Technologies, Protocols, and Applications. *IEEE Communication Surveys & Tutorials*, Vol. 17, No. 4.
- Aasong, E. (2012) "Digital-output relative humidity & temperature sensor module DHT22"
- Aleksandar Antonić, M. M. (2015, December). A Mobile Crowd Sensing Ecosystem Enabled by CUPUS: Cloud-based Publish/Subscribe Middleware for the Internet of Things. *Future Generation Computer Systems*.
- Amr,E.(2016) "Scheduling Algorithm for BLE Sensors using Binary Trees to Reduce gaps in collected data". Faculty of media Engineering and technology
- Anwari, H. (2017). PENGEMBANGAN IOT MIDDLEWARE BERBASIS EVENTBASED DENGAN PROTOKOL KOMUNIKASI COAP, MQTT. *J-PTIIK*
- Bandiyopadhyay, S. (2011). "Role of Middleware for Internet of things: A Study". International Journal of Computer Science & Engineering Survey (IJCES) Vol.2, No.3
- Boualouache-Nouali, A.O. (2015) "A BLE-Based data collection system for IoT". Algiers, Algeria.
- Byun-Moon-Hong, D.J.D (2016). "S-Beacon: Next Generation BLE Beacon Solution for Enhanced Personalization". Suwon, Republic of Korea.
- Dinesh Thangavel, X. M.-X.-Y. (2014). *Performance Evaluation of MQTT and CoAP Performance Evaluation of MQTT and CoAP*. Singapore: National University of Singapore.
- Durfee.W, " Arduino Microcontroller Guide"
- Gowrishankar-Madhu, S.N, (2015) "Role of BLE in Proximity Based Automation of IoT: A Practical Approach
- IERC, E. R. (2015). *IoT Semantic Interoperability: Research Challenges, Best Practices, Recommendations and Next Steps*.
- IETF, I. E. (2016). *The Constrained Application Protocol (CoAP) RFC7252*. Internet Engineering Task Force.
- Inigo, P. (2008). " Bluetooth ". Furtwangen im Schwarzwald, Germany. Hochschule furtwagen university. 1, 6 – 12.
- Louis, L. (2016) "Working principle of arduino and using it as a tool for study and research". International Journal of Control, Automation, Communication and Systems (IJCACS), Vol.1, No.2,

- Mackensen-Mathias, E.L. (2013). “ *Bluetooth Low Energy Based Wireless sensors*” Offenburg, Germany. University of Applied Sciences Offenburg badstrabe. 1, 1 – 3.
- Matt, A. (2011). “*Use case possibilities with Bluetooth low energy in IoT applications*”
- Razzaque, M.A (2016). “*Middleware for Internet of Things: A Survey*”, IEEE INTERNET OF THINGS JOURNAL, VOL. 3, NO. 1.
- Rudito-Sularsa, R.A (2015) “ PEMBUATAN SERVER PORTABLE BERBASIS RASPBERRY PI UNTUK MENDUKUNG PELAKSANAAN ASSESSMENT”. Jakarta,Indonesia.
- Reza Rezaei, T. K. (2014, January). Interoperability evaluation models: A systematic review. Computers in Industry, 65(1), 1-23. doi:10.1016/j.compind.2013.09.001.
- Richardason-Wallace.(2016).Getting Started with Raspberry Pi:3rd Edition.
- Rozi, F. M. (2017) “Analisis Performansi dan Skalabilitas pada Event-Based IoT Middleware”
- Tauchmann-Sikora, D.A. (2015) “ *Experiences and Measurements with Bluetooth Low Energy (BLE) Enabled and Smartphone Controlled Embedded Applications*”. Offenburg, Germany
- Umeh O.A(2015, Desember). “*Throughput and Delay Analysis in Real time network*”. International Journal of Engineering and Applied Sciences (IJEAS) ISSN: 2394-3661, Volume-2, Issue-12
- P. Desai, A. S. (2015). “*Semantic Gateway as a Service Architecture for IoT Interoperability*”. 2015 IEEE International Conference on Mobile Services, 313-319. doi:10.1109/MobServ.2015.51