



# DR. ENGKU FADZLI HASAN SYED ABDULLAH

## ASSOCIATE PROFESSOR

Fadzli Syed Abdullah has made his research contribution in software engineering, embedded programming, robotic manipulations and internet of things. Most of his current research interests includes autonomous controls, smart farming and IoT based systems. His latest project is a Smart Farming Management and Controlling System based on IoT and Artificial Intelligence.

### RESEARCHER PROFILE

Scopus<sup>®</sup> 36633891600

ORCID 0009-0000-9857-6486

Google scholar SYED ABDULLAH FADZLI

### CONTACT

+6019-9502111

efadzli@umt.edu.my

fskm.umt.edu.my

### EDUCATION



- Ph.D. in Computational Engineering, Cardiff University
- M.Sc. in Software Engineering, Universiti Teknologi Malaysia
- B.Sc. in Management Information System, Universiti Islam Antarabangsa Malaysia

### AREAS OF EXPERTISE

- Software Engineering
- Embedded Programming
- Robotic Manipulation
- Internet of Things

### SUPERVISION



### COLLABORATORS



### SELECTED RESEARCH PROJECTS

- ✓ Special Research Grant Scheme (SRGS). Smart Farming for Community Dairy Farm, (2018-2019). RM 99,575.
- ✓ Dana Pembudayaan Penyelidikan (RAGS). Design And Development of A Syariah-compliant Online Business Framework for Small Medium Enterprise, (2014-2016). RM 70,000.
- ✓ Innovation, Commercialization & Entrepreneurship Incubator (ICE). EZ Farm (2023-2025). RM 30,000.

### SELECTED PUBLICATIONS

- ✓ Sambas, A., Andriana, A., **Fadzli, S.A.**, Gundara, G., Mujiarto, M., Refiadi, G., & Rusyn, V. . (2024). Design and Development of Microhydro Power Plant Based on the Arduino Uno and Internet of Things (IoT). Journal of Advanced Research in Micro and Nano Engineering, 28(1), 60-68.
- ✓ Mazian, A.I., Wan Idris, W.M.R., Rahim, N., **Abdullah, F.S.**, Zulfachmi (2025). Usage of Motion Capture in Football for Creating Motion Template: A Systematic Literature Review, Journal of Advanced Research in Applied Sciences and Engineering Technology, vol 51(1), pp. 85-97.
- ✓ Razali, M.H., Jamal, A.A., **Fadzli, S.A.**, Wan Nik, W.N.S., Hassan, H. (2025). e-Voting on Ethereum Blockchain, Journal of Advanced Research in Applied Sciences and Engineering Technology, vol 50(2), pp. 186-194.
- ✓ Ibraigheeth, M.A., **Fadzli, S.A.** (2020). Software project failures prediction using logistic regression modeling, 2nd International Conference on Computer and Information Sciences, ICCIS 2020, 2020, 9257648.