

Curriculum Vitae

Personal information



Name **Prof. Fitra Lestari, ST, MEng, PhD, IPM, ASEAN Eng**
E-mail(s) fitra.lestari@uin-suska.ac.id
Department Industrial Engineering Department, Faculty of Science and Technology
Universitas Islam Negeri Sultan Syarif Kasim Riau (UIN SUSKA), Indonesia
Address No.155 KM.15 / H.R Soebrantas, 28293 Pekanbaru (Indonesia)
Website <https://ti.uin-suska.ac.id/>, <https://cidsci.uin-suska.ac.id/>
Nationality Indonesian

Education Asean Engineering Register (ASEAN Eng) 2019
Professional Engineers (IPM) 2018
Philosophy of Doctor (PhD) 2016
Supply Chain Management, Universiti Teknologi Malaysia (Malaysia)
Master of Engineering (M.Eng) 2010
Industrial Engineering, Universiti Teknologi Malaysia (Malaysia)
Bachelor of Engineering (ST/B.Eng) 2007
Industrial Engineering, Andalas University (Indonesia)

Experience January 2011 → Present
Lecturer of Industrial Engineering Department
Universitas Islam Negeri Sultan Syarif Kasim Riau
July 2021 → Present
Vice Dean for Academic Affairs of Faculty Science and Technology
State Islamic University (UIN) Sultan Syarif Kasim

2020→ Present
Chairman of the Informatics and Communications Commission.
Majlis Ulama Indonesia (MUI) Riau. Indonesia

January 2021→ Present
Director of Competitions
IEOM Indonesia Professional Chapter

October 2023→ Present
Director
BKSTI Sumatera II Indonesia

Oktober 2024 → Present
assessor for competency test
Industrial Engineering on BNSP

June 2022 - Present
Halal Auditor
BPJPH- Ministry of Religious Affairs Indonesia

November 2022 – Present
Audit Coordinator
LPH UIN SUSKA Riau

January 2018 → August 2022
Editor in Chief
Jurnal Teknik Industri (JTI). Fakultas Sain dan Teknologi- UIN Sultan Syarif Kasim. ISSN : 2460-898X.

July 2018 → July 2021
Head of Department Industrial Engineering
State Islamic University (UIN) Sultan Syarif Kasim

Publications Journal

Mawardi, Zulfahmi, Bustami, **Lestari, Fitra**, Zikri Darussamin, Widi Syaputra, Ahmad Maulidizen. (2025). Navigating Modernity: Ethical Practices and Islamic Economic Values Among Traditional Second-Hand Goods Traders. *Journal of Ecohumanism*. Volume 4 Issue 1 Pages 412–419, 2025. SCOPUS

Mawardi; **Lestari, Fitra**; Zulkifli M Ag.; Mohammad Dzaky Adzkia; Abu Bakar Abdul Hamid; Tengku Nurainun. (2025). Halal Supply Chain strategy in the Leather Industry using the Quadruple Helix Model. *Journal of Fatwa Management and Research* Vol. 30 No. 1 63-75, 2025.

Kurniawan, R., **Lestari, Fitra.**, T Nurainun, Abdul Hamid, AB., Melia, T. (2024). Halal Supply Chain Risk using Unsupervised Learning Methods for Clustering Leather Industries. *International Journal of Computing and Digital Systems* 16 (1), 899-910. SCOPUS.

Rahmad Kurniawan, Ibnu Daqiqil, Abdul Somad Batubara, **Fitra Lestari**, Arisman Adnan, Fatayat Fatayat, Ilyas Husti. (2024) Interactive Geographic Visualization and Unsupervised Learning for Optimal Assignment of Preachers to Appropriate Congregations. *Journal of Applied Engineering and Technological Science (JAETS)*. Volume 6 Issue 1. SCOPUS

Lestari, F., Mawardi, Diniaty, D., Syamsurizal. (2023). SCOR Model for Measuring Performance Of Halal Supply Chain. *International Journal of Public Sector Performance Management*. 11(3), pp. 341–354. SCOPUS

Lestari, F., Kurniawan, R., Arifin, J., Yasir, M., Mawardi, Akbarizan (2023). An integrated framework for the measurement of halal good manufacturing

practices on the case of SMEs in the food sector. *Journal of Islamic Marketing. Emerald*.14 (1): 82-105. SCOPUS

Haerani, E., Syafria, F., **Lestari, F.**, Novriyanto, Marzuki, I. (2023). Classification Academic Data Using Machine Learning For Decision Making Process. *Journal of Applied Engineering and Technological Science*, 4(2), pp. 955–968. SCOPUS

Nurainun, T., Talib, HHA., Jamaludin, KR., Yusof, SM., Putri, NT., **Lestari, F.** (2023). Identifying Factors for The Success of Halal Management Practices in Leather Industry. *Journal of Applied Engineering and Technological Science (JAETS)* 4 (2), 808-824. SCOPUS

Lestari, F., Papilo, P., napitupulu, D., Hamid E., Machfud, Raharja, S., Asrol, M., and marimin. (2022). Institutional Strengthening of Oil Palm Independent Smallholders Supply Chain During Covid-19 Pandemic. *Seybold Report*. 17 (9) : 1334-1356. SCOPUS

Lestari, F., Azwar, B., Jonnius, Abduh, M.A. (2022) Partner Engagement on University's Community Service Program in Indonesia. *International Journal of Public Sector Performance Management*, 10(2-3), pp. 396–407. SCOPUS

Lestari, F., Mawardi, M., Yola, M., Muda, Y., Abdul Hamid, A.B. (2022), A Model for Assessment of Halal Good Manufacturing Practice in meat industry. *Production and Manufacturing Research*, 10(1), pp. 666–695. SCOPUS

Lestari, F., Kurniawan, R., Ismail, K., Mawardi, Nurainun, T., Hariadi, I. (2022). Business unit utilization in supply chain of distribution channel. *Journal of Industrial Engineering and Management*. 15(2): 143-154. (SCOPUS)

Lestari, F., Mas'ari, A., Meilani, S., Riandika, I.S., Abdul Hamid, A.B., (2021). Risk Mitigation Via Integrating House of Risk and Probability Impact Matrix in Halal Food Supply Chain. *Jurnal Teknik Industri*. 22(2), 138- 154. (SINTA 2-Indonesia)

Lestari, F., Kurniawan, R., Ismail, K., Hamid, A.B.A. (2020) Supply chain relationship in a downstream sector. *Uncertain Supply Chain Mangement*. 8 (2) 423-438. (SCOPUS)

Lestari, F., Ulfah, Suherman, Azwar, B., & Fitri, P. (2019). Combining ABC and VED Analysis for Managing Medicine Inventory (Case Study at Community Development Elderly in Indonesia). *International Journal on Advanced Science, Engineering and Information Technology*, 9(3), 952-959. (SCOPUS)

Lestari, F and Dinata, R.S. (2019). Green Supply Chain Management untuk Evaluasi Manajemen Lingkungan Berdasarkan Sertifikasi ISO 1400. *Industria: Jurnal Teknologi dan Manajemen Agroindustri*. 8(3) 209-217. SINTA 2

Lestari, F., Ismail, K., Bakar, A., Hamid, A., & Sutupo, W. (2014). Measuring the Value-added of Oil Palm Products with Integrating SCOR Model and Discrete Event Simulation. *Research Journal of Applied Sciences, Engineering and Technology*, 8(10), 1244–1249. (SCOPUS)

Lestari, F., Ismail, K., Hamid, A. B. A., & Sutopo, W. (2013). Logistic of Palm Oil Industry in Agri Supply Chain Using Simulation Software : State of the Art and Research Directions. *American Journal of Economics*, 3(5C), 41–46.

Akbarizan, **Lestari, F.**, Nazar, H., Murhayati, S., & Mawardi. (2016). Empowerment Agent through Islamic Value in Preventing Palm Oil Plantation Fires Based on Public Participation. *Journal of Advanced Agricultural Technologies*, 4 (1), 68-71.

Lestari, F., & Abdi, M. (2016). Pemberdayaan Masyarakat dalam Pengawasan Makanan Halal (Studi Kasus : Kecamatan Tampan Kota Pekanbaru).

Menara, 15(2).

Sutono, S.B, Subagyo, A.Z, & **Lestari, F.** (2017). Peramalan Kausal Berbasis Integrasi Principal Component Analysis dan Jaringan Syaraf Tiruan. *Jurnal Sains dan Teknologi Industri*, 14(2), 117-125.

Lestari, F & Rachman, M.I (2019). Pengurangan Dwelling Time pada Aktivitas Pembongkaran Terminal Petikemas. *Jurnal Sains dan Teknologi Industri*, 16(1), 1-6.

Conference Proceedings

Harpito, **Fitra Lestari**, Anwardi (2024) Supply chain analysis for pile foundations of construction project in Indonesia. AIP Conference Proceedings Volume 2891 Issue 1, Publisher: AIP Publishing. SCOPUS.

Lestari, F., Prasetya, H., Mahmud, J., Hambali, E., Yani, M., Faroha, FA., Putri, NS., Marimin. (2023). Sustainability assessment of palm oil mills effluent utilization for electricity conversion. IOP Conference Series: Earth and Environmental Science 1151 (1), 012038. SCOPUS

Djatna, T., Afrianto, I., **Lestari, F.**, Baidawi, T., Harison, H., Kurnia, D., Martini, S, Marimin. (2023). A conceptual modelling of digital contract for independent palm oil supply chain systems. AIP Conference Proceedings 2485 (1) 8 August 2023. SCOPUS

Kurniawan, R., Iskandar, I., **Lestari, F.**, Harpizon, HAR., Husti. I., (2023). Exploring Tourist Feedback on Riau Attractions Through Indonesian Language YouTube Opinion Using Naïve Bayes Algorithm. 2023 IEEE International Conference on Industry 4.0, Artificial Intelligence and Communications Technology (IAICT). Pp : 415-419. SCOPUS

Murhayati, S., **Lestari, F.**, Adzkiya, MD., Kurniawan, R., (2023). Strategy of Halal Certifications Using the Strategic Assumption Surfacing and Testing (SAST)(Case Study at Riau Indonesia). IEOM Society International. Proceedings of the 13th International Conference on Industrial Engineering and Operations Management, Manila, Philippines, March 7 - 9, 2023

Kurniawan, R., Nazri, MZA., **Lestari, F** Salambue, R., (2022). A Web-Based Zakat Recipient Determination System using the Naïve Bayes Algorithm. 2022 5th International Conference of Computer and Informatics Engineering (IC2IE). pp : 337-341. SCOPUS

Lestari, F., Hawari, NA., Maureka, R., Casoni, SM. (2022). Life Cycle Assessment Using Supply Chain Strategy on Palm Oil Agro-industry. Proceedings of the 3rd Asia Pacific International Conference on Industrial Engineering and Operations Management, pp : 664-672.

Lestari, F., Nurainun, T., Kurniawati, Y., and Adzkiya, M.D. (2021). Barriers and Drivers for Halal Supply Chain on Small Medium Enterprises in Indonesia. IAENG, Hongkong. SCOPUS

Lestari, F., Rayendra, R., Harasakito, O., Kurniawan, R. (2021). Lean Hospital to Reduce Waste Using Waste Relationship Matrix. 2021 International Congress of Advanced Technology and Engineering, ICOTEN 2021, 2021. SCOPUS

Lestari, F., Rizky, M., Hadiyul Umam, M.I., and Indriyani, F.F. (2021). Vehicle Routing Problem Using Sweep Algorithm for Determining Distribution Routes on Blood Transfusion Unit. the Second Asia Pacific International Conference on Industrial Engineering and Operations Management, Surakarta, Indonesia, September 14-16, 2021. SCOPUS

- Lestari, F.**, Kusumanto, I., Hasri, S., Akmaluhadi (2020). Independent Campus on Industrial Engineering Undergraduate Program in Indonesia: A Delphi Method. The 2020 IEEE IEEM, Singapore. SCOPUS
- Lestari, F.**, Hertina, Ritia, L., Riandika, I.N., Mas'ari, A. (2020). Impact of Halal Labeling on Brand Image on Cosmetic Product. The 2020 IEEE IEEM, Singapore. SCOPUS
- Lestari, F.**, Mulibat, A., Riandika, I.N., and Syamruddin. (2019). SCOR model for analyzing customer satisfaction on halal supply chain. 34th IBIMA Conference: 13-14 November 2019, Madrid, Spain. pp.6049- 6057. ISBN: 978-0-9998551-3-3. WoS
- Lestari, F.**, Ompusunggu, J., Diniaty. D., and Silvia (2019). Evaluation of ISPO Certification Using Green SCOR. 34th IBIMA Conference: 13-14 November 2019, Madrid, Spain. pp. 5101- 5109. ISBN: 978-0-9998551-3-3. WoS
- Lestari, F.**, Ulfah, Aprianis, F.R., & Suherman. (2018). Inventory Management Information System in Blood Transfusion Unit. In 2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM). Bangkok, Thailand. 16-19 December 2018. pp 268-272. SCOPUS
- Lestari, F.**, Nuari, I., & Devani, V. (2018). American Productivity Center Method for Measuring Productivity in Palm Oil Milling Industry. In 2018 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM). Bangkok, Thailand. 16-19 December 2018. pp.754-75. SCOPUS
- Lestari, F.**, Anwar, U., Nugraha, N., & Azwar, B. (2017). Forecasting Demand in Blood Supply Chain (Case Study on Blood Transfusion Unit). The World Congress on Engineering (WCE) Vol II. (pp. 764-767). London, U.K. SCOPUS
- Akbarizan, **Lestari, F.**, Almaktur, M.A., & Absor, M. (2017). Performance Measurement for Halal Food Certification: A Research Agenda. The World Congress on Engineering (WCE) Vol II. (pp. 678-681). London, U.K. SCOPUS
- Akbarizan, **Lestari, F.**, Ismail, K., Abdul Hamid, Abu Bakar Azwar, B., & Nazar, H. (2016). Managing Halal Foods through Power Collaboration between Supply Chain Actors. In The 27th International Business Information Management Association Conference (IBIMA) (pp. 1791–1799). Milan, Italy. SCOPUS
- Lestari, F.**, Ismail, K., Abdul Hamid, A. B., Wan Omar, W. Z., & Wan Yusoff, W. F. (2016). Supply Chain Management Strategy for an Effective Collaboration: A Case Study in Malaysia. In The 27th International Business Information Management Association Conference (IBIMA) (pp. 982–989). Milan, Italy. SCOPUS
- Lestari, F.**, Ismail, K., Bakar, A., Hamid, A., Supriyanto, E., & Sutopo, W. (2016). Simulation of Refinery-Supplier Relationship. In The International MultiConference of Engineers and Computer Scientists (Vol. II, pp. 740–744). Hong kong. SCOPUS
- Lestari, F.**, Ismail, K., Hamid, A. A., Supriyanto, E., & Sutopo, W. (2014). Measuring Supply Chain Using SCOR Model in Palm Oil Downstream Industry: A Review. In World Congress on Engineering 2014 (Vol. II, pp. 967–972). London, U.K. SCOPUS
- Lestari, F.**, Ismail, K., Hamid, A. A., Supriyanto, E., Yanti, N., & Sutopo, W. (2014). Supply Chain Configuration Using Hybrid SCOR Model and Discrete Event Simulation. In World Congress on Engineering 2014 (Vol. II, pp. 1088–1092). London, U.K. SCOPUS

- Lestari, F.**, Ismail, K., Hamid, A. B. A., & Sutopo, W. (2013). Designing Supply Chain Analysis Tool Using SCOR Model (Case Study in Palm Oil Refinery). In 2013 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM) (pp. 919–923). Bangkok, Thailand. SCOPUS
- Lestari, F.**, Ismail, K., Bakar, A., Hamid, A., & Sutopo, W. (2013). Conceptual Modeling of Palm Oil Supply Chain. In Technology, Education and Science International Conference (TESIC 2013) (pp.581-587). Johor Bahru, Malaysia. 20 – 21 November 2013. ISBN:987-967-12214.
- Lestari, F.** and Alvian. (2012). Analysis of Overall Equipment Effective on Rubber Machine Production (Studi Kasus: PT. ABC). Proceeding SNTK-TOPI 2012 (pp.1-5), Pekanbaru, Indonesia. ISSN. 1907 – 0500.
- Lestari, F.** (2011). Analysis Assembly Line on Product Family with consideration Jig and Fixture. Proceeding the 2nd SNPPTI of Implementation Technology of Clean Energy (pp. 40-42), Jakarta, Indonesia. 16th July 2011. ISSN: 2086-2156.
- Lestari, F.** (2011). Designing Line Assembly on Product Family Based on Common Subassembly. Proceeding SNTIKI III 2011, Pekanbaru, Indonesia. 12 Oktober 2011. ISSN : 2085-9902.
- Lestari, F.** (2010). Enhance of Overall Equipment Effective Using Failure Finding Interval. Proceeding Develop Sustainable Energy (pp. 1-10), Pekanbaru, Indonesia. 29th- 30th June 2010. ISBN : 978-602-96729-0-9.
- Lestari, F.**, Patrisina, R. and Afrinaldi, F. (2009). Line Assembly Performance Improvement through Cellular Manufacturing: A Case Study. The 2nd Asia Pacific Conference on Manufacturing System (APCOMS 2009) (pp. IV-1 – IV-7), Yogyakarta, Indonesia. 4th -5th November 2009. ISBN: 0854-431X.

Book

- Lestari, F.**, Rayendra, R., Riandika, I.N., & Misra, H. (2024). Supply Chain Management: Konsep dan Implementasi di Industri. ISBN : 978-623-89230-0-7.
- Candra, R.M., Syamsurizal, Riandika, I.N., & **Lestari, F.**, (2024) Design Tata Kelola Rantai Pasok Halal Melalui Korporasi Pelaku Usaha. ISBN : 978-623-89230-1-4.
- Lestari, F.**, Rahmad Kurniawan, R. & Mawardi. (2023). Penguatan Kelembagaan Rantai Pasok Halal Produk Kulit. ISBN : 978-602-51917-7-0.
- Lestari, F.** & Azwar, B. (2019). Strategi Rantai Pasok Halal Di Malaysia. Kreasi Edukasi. Pekanbaru. ISBN : 9786025976094.
- Lestari, F.** (2018). Bisnis Produk Halal : Analisis Implementasi Rantai Pasok Produk Halal DI Australia. Kalimedia. Yogyakarta, Indonesia. ISBN : 9786026827685.
- Lestari, F.** (2018). Simulasi Industri : Discrete Event Simulation. Cahaya Firdaus. Pekanbaru. ISBN : 9786025432446.
- Lestari, F.** (2018). Pengukuran Kinerja Manajemen Rantai Pasok Pada Sertifikasi Produk Halal Menggunakan SCOR Model (Studi Kasus LPPOM MUI Riau). Lembaga Penelitian dan Pengembangan Masyarakat UIN SUSKA. ISBN : 9786026302649.
- Lestari, F.** (2016). Logistic Managemant. Al-Mujtahada Press. Pekanbaru-Riau. Indonesia. ISBN : 9786029392807.

Book Chapter

Lestari, F., Adzkiya, M.D., Mirdhayati, I. (2023). Strengthening Strategy on Halal Certification Body Through Halal Inspection Agency. In: Ao, Sl., Castillo, O., Katagiri, H., Chan, A., Amouzegar, M.A. (eds) Transactions on Engineering Technologies. IMECS 2021. Springer, Singapore. ISBN : 978-981-19-7137-2.

Lestari, F., Ulfah, Nugraha, N and Azwar, B (2019). Managing Inventory in Blood Supply Chain. In Transactions on Engineering Technologies (pp. 353-361). Springer Singapore. ISBN : 978-981-13-0745-4.

Lestari, F., Ismai, K., Abdul Hamid, A. B., Supriyanto, E., & Sutopo, W. (2015). A Conceptual Framework for Analysing Supply Chain Performance of Oil Palm Refinery in Malaysia. In Transactions on Engineering Technologies (pp. 331–339). Springer Netherlands. ISBN : 978-94-017-9803-7.

Research Project Case Study: Mapping Dampak Penelitian Dosen Terhadap Sosial-Ekonomi Masyarakat Menggunakan Analisis Factor: Cross-Sectional Study UIN se-Sumatera. Penelitian Pengembangan Survei Kajian Strategis Nasional. 2024
Funding : Diktis- Ministry Religious Affairs Indonesia 2024

Case Study: Integrated Supply Chain Model For Green Gasoline Production Based On Oil Palm Plant, 2023

Funding : Research Center for Process and Manufacturing Industry Technology, The National Research Innovation Agency (BRIN), Indonesia.

Case study : Sustainability Assessment of Palm Oil Mills Effluent Utilization for Electricity Conversion, 2023

Funding : World Class Research (WCR) -LPPM IPB.

Case study : Strengthening Halal Supply Chain Institutions for Cow Leather Products Using Discrete Event Simulation. 2022-2023.

Funding : Diktis- Ministry Religious Affairs Indonesia.

Case study : Pilot Project Implementation Of Performance Assessment Information Systems And Institutional Strengthening Of Palm Oil Supply Chain In Riau, Jambi And South Kalimantan Province. 2020-2021.

Funding : BDPDKS, Indonesia

Case study : Halal Good Manufacturing Practice in LPPOM MUI Riau, 2019.

Description : Assessment Halal Good Manufacturing Practice at Slaughterhouse

Funding : LPPM UIN SUSKA

Case Study : Halal Product Certification in LPPOM MUI Riau - Indonesia, 2018.

Description : Performance Measurement Halal Supply Chain Using SCOR Model.

Funding : LPPM UIN SUSKA

Case Study : Blood Inventory in Indonesia Red Cross, 2018

Description : Managing Blood Inventory to support demand and supply of patient.

Funding : LPPM UIN SUSKA

Case Study : Halal Product Certification on JAKIM Malaysia, 2017.

Description : Analyzing brand Image of Halal Labeling through customer satisfaction

Funding : LPPM UIN SUSKA

Case Study : Empowering the community development based on 5 main programs of Indonesia Government (Revolusi Mental). 2017

Funding : Ministry for Human Development and Cultural Affairs Indonesia

Case Study : Medicine Inventory for Elderly People, 2017

Description : Implementing Inventory method for elderly people in a village.

Project : Distribution of medicine inventory Using ABC-VED Analysis

Funding : LPPM UIN SUSKA

Case Study : Halal food for muslim community, 2016

Description : Empowering Community in Selecting the Halal Food at Pekanbaru-Indonesia.

Project : Distribution of Halal Food on four central communities

Funding : LPPM UIN SUSKA

Case Study : Response Partner Agency for Community developmemnt in Mosque, 2016

Project : Community Development and Participatory Action Research (PAR)

Funding : LPPM UIN SUSKA

Case Study : Johor Riau Link, 2014.

Description : Developing link between Malaysia and Indonesia

Project : Feasibility Study of Johor – Riau Link

Case Study: Oil Palm downstream Industry, Malaysia, 2013-2015

Description : Measuring Supply Chain Relationship on Oil Palm Refinery in Malaysia.

Project : SCOR model and Discrete Event Simulation

Case Study: Angkasa Mineral Water and Aquest Mineral Water, Indonesia. 2010

Description : Developing System IT on Planning Demand and Supply

Project : System Analysis and Modeling

Case Study: Schneider Electric Manufacturing Batam, Indonesia. 2007

Description : Line Balancing Analysis on Line Tesys and Improvement of Line Tesys's Performance

Project : Lean Manufacturing

Case Study: TELKOM Unit Corporate Customer 1 Sumatra, Indonesia. 2005

Description : Marketing Strategy for launching New Product Flexi

Project : Enterprise Service

Teaching Experience

Simulation modeling
System Modeling
Supply Chain Management
Logistic System
Halal Assurance System
Integrated System Design
Industrial Engineering Design Practicum I
Industrial Engineering Design Practicum II

Research Interests

Palm oil Business
Halal Industry
Supply Chain Management
Discrete Event Simulation
Entrepreneurship and comercialization
Performance Measurement
Business Process Re-engineering
Lean Manufacturing
Logistic Management
System Analysis and Modeling
Sustainability

Computer skills

Business Process Reengineering (Process Wizard - SCOR model)
Qualitative Analysis (Atlas Ti)
Drawing Method (Mechanical Desktop and Auto Cad)
Statistic (SPSS and Expert Choice)
Simulation (ARENA, Promodel and Witness)
Programing Languages (Visual Basic)

Modeling and analysis system (Case Studio)
Optimization (Solver analysis and Lingo)
Geographic Information System (ArcGIS)
Super decision (Analytical hierarchy Process)

Organizational skills

2020-2025. Chairman of the Informatics and Communications Commission. Majelis Ulama Indonesia (MUI) Riau. Indonesia.
2009 – 2010. President of Indonesian Student Society (PPI UTM) at Universiti Teknologi Malaysia, Malaysia.
2010. International Student Leader Conference 2010 (ISLC'10) organized by Ministry of Higher Education Malaysia, Melaka, Malaysia.
2006 – 2007. Coordinator of Practicum at Production System, Industrial Engineering Andalas University, Indonesia.

Awards

2023. *Engineering Education Award*. The Fourth Asia Pacific International Conference on Industrial Engineering and Operations Management. Ho Chi Minh City, Vietnam, September 11-14, 2023.
2021. *FIRST Place of the Simulation Competition* entitled "Evaluation of Warehouse Operation in Power Plant Company Using Discrete Event Simulation", at the Second Asia Pacific Industrial Engineering and Operations Management Conference.
2021. *SECOND Place of the Poster Competition* entitled Seminar Nasional Teknologi Informasi Komunikasi dan Industri (SNTIKI 13).
2021. *Certificate of Merit* for The 2021 International conference of Manufacturing and Engineering Management, Hongkong 20-22 October 2021.
2017. *Certificate of Merit* for The 2017 International conference of Manufacturing and Engineering Management. London, U.K., 5-7 July, 2017.
2009 - 2010 Scholarship from Government of Riau Province for master degree study.

Invited Speaker

2024. Masa Depan Ecommerce: Menyusun Strategi Bisnis di Era Society 5.0. 4 Desember 2024. Universitas Sains dan Teknologi Indonesia (USTI). Pekanbaru
2024. Digital and Sustainable Supply Chain for Sumatera. Institute Teknologi Sumatera (ITERA). 14 Oktober 2024. Lampung.
2023. The 13th Annual International Conference on Industrial Engineering and Operations Management Manila, Philippines, March 7-9, 2023, Venue: Hilton Hotel, Host: DLSU. *IEOM Society International*
2023. The Fourth Asia Pacific International Conference on Industrial Engineering and Operations Management. Ho Chi Minh City, Vietnam, September 11-14, 2023. *IEOM Society International*.
2023. Seminar Nasional Penelitian dan Pengabdian Masyarakat (SENTIMAS). 3 Agustus 2023. *Institute Riset dan Publikasi Indonesia (IRPI)*
2023. Training of Trainer Percepatan Sertifikat halal dan UMKM Naik Kelas. 18-19 Desember 2023. *Majlis Ulama Indonesia (MUI) Riau*
2023. Pelatihan Digitalisasi Pemasaran dan Management Product Halal Bagi UMKM. 6-9 Juni 2023. *Dinas Perindustrian dan Perdagangan, Koperasi, Usaha Kecil Menengah Riau*.
2022 . 1st Tarbiyah Suska Conference Series (TSCS) 2022. Post Pandemic response: Digital Technology in Teacher Education. 12-13 October 2022. *UIN Sultan Syarif kasim Riau*.
2022 Coaching Clinic : Bedah Artikel dan Penerbitan di Jurnal Bereputasi. 7 Desember 2022. *LPPM Universitas Islam Kuantan Singingi*
2022. The 1st Guest Lecture on The Information System Auditing and Business Intelligence Subject. 6 December 2022. *Department of Computer Science, Universitas Riau*.
2021. Mahasiswa Teknik Industri sebagai Pemimpin Muda Masa Depan Bedaya Saing Unggul. *BKSTI Sumatera II*.
2021. Simulasi Sistem. IEOM Competition : *Capstone & Research Competition (Industrial Engineering)*. *UPN Veteran Jakarta*.

2020. Industrial Engineer in the Future. *Industrial Engineering Departement Universitas Andalas*.
2020. Peran Mahasiswa Pada Industri Kreatif DI Indonesia. *Universitas Pahlawan*.
2020. Sistem Perencanaan dan Pengendalian Produksi. *Universitas Putra Batam*
- 2020 Second Coaching Clinic : Publication of International Journal (Computer Science, Engineering and Social Science). *Predatech - UIN Sultan Syarif Kasim Riau*
- 2019 First Coaching Clinic : Publication of International Journal (Computer Science, Engineering and Social Science). *Predatech - UIN Sultan Syarif Kasim Riau*
2017. Invited Speaker: 2nd Inspiring International Research Excellence (IIRE). *Australian Technology Network*. Makasar, 26-27 oktober 2017.

Membership

- Certificate of Competence: Supply Chain Management. Indonesian Professional Certification Authority. 2021
- Asean Engineering Register (AER) : 2019
- International Association of Engineers (IAENG) : No. 146295.
- Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES). No : 202090.
- Institute Supply Chain & Logistic (ISLI) : No. 201700163.

Reviewer

1. Supply Chain Management. *Emerald Group Publishing Ltd*. ISSN : 1359-8546 .
2. Journal of Islamic Marketing. *Emerald Group Publishing Ltd*. ISSN : 1759-0833.
3. Cogent Business & Management. *Taylor & Francis*. ISSN : 23311975
4. International Journal of Productivity and Performance Management. *Emerald Group Publishing*. ISSN : 1741-0401
5. International Journal of Business and Globalisation : *Inderscience Publishers*. ISSN: 1753-3627
6. International Journal of Public Sector Performance Management. *Inderscience Publishers*. ISSN : 1741-1041
7. The 28th IBIMA conference on Vision 2020: Innovation Management, Development Sustainability, and Competitive Economic Growth, Seville, Spain 9-10 November 2016. ISBN: 978-0-9860419-8-3.
8. 31th IBIMA conference: "Economies and Business Development Strategies – Global versus National Approach. 25-26 April, 2018 in Milan, Italy. ISBN: 978-0-9998551-0-2.
9. Journal on Optimizations of Systems at Industries (JOSI). *Industrial Engineering Department at Universitas Andalas*. ISSN : 2442 – 8795.
10. Jurnal Teknologi Industri Pertanian. *Departemen Teknologi Industri Pertanian- Feteta Institute Pertanian Bogor (IPB)*. ISSN : 0216-3160.
11. Seminar Nasional Teknologi Informasi Komunikasi dan Industri (SNTIKI). *Fakultas Sains dan Teknologi, UIN Sultan Syarif Kasim Riau*. ISSN : 2579-7271.