

CURRICULUM VITAE

Name : Ig. Jaka Mulyana
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S e x : Male
Marital status : Married
Structural position : Head of Industrial Engineering Department
Academic position : Lektor Kepala
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Academic qualifications:

1. Postgraduate:
Magister Teknik (M.T.), Industrial Engineering, Sepuluh Nopember Institute of Technology Surabaya - Indonesia (graduated in 2001)
2. Undergraduate:
Sarjana Teknologi Pertanian, Agricultural Industrial Technology, Gadjah Mada University Jogjakarta – Indonesia (graduated in 1996)

Former structural positions:

1. Vice Dean of Engineering Faculty, Widya Mandala Catholic University Surabaya (2004 - 2005)
2. Vice Head of Industrial Engineering Department, Widya Mandala Catholic University Surabaya (2009 – 2013)
3. Head of Industrial Engineering Department, Widya Mandala Catholic University Surabaya (2013 – 2017)

Current structural position:

Head of Industrial Engineering Department, Widya Mandala Catholic University Surabaya (2017 – 2021)

Teaching experiences:

1. Industrial Engineering Department, Widya Mandala Catholic University Surabaya (2001 up to now)
 - Quality Planning and Control
 - Supply Chain Management
 - Six Sigma Philosophy
 - Engineering Economic
 - Inventory and Warehouse Management
2. Faculty of Business, Widya Mandala Catholic University Surabaya
Operation Management (2013 up to now)
3. Faculty of Food Technology, Widya Mandala Catholic University Surabaya
Food Industrial Management (2010 up to now)

4. Industrial Management and Engineering, Sekolah Tinggi Teknologi Angkatan Laut (STTAL) Surabaya
System Simulation (2006 – 2007)
5. Industrial Engineering Department, Pelita Harapan University Surabaya
Introduction to Industrial Engineering (2010 – 2011)

Leadership training experiences:

1. Active participant, Leading Effectively to Higher Organizational Success, Surabaya (2015).
2. Active participant, BKSTI Camp 2018, Badan Kerjasama Penyelenggara Pendidikan Tinggi Teknik Industri, Mojokerto East Java, Indonesia (2018)
3. Active participant, Workshop of Institutional Accreditation, Badan Kerjasama Penyelenggara Pendidikan Tinggi Teknik Industri, Gresik, East Java, Indonesia (2018)
4. Active participant, Workshop on Innovative Pedagogy, Modernizing Indonesian Higher Education with Tested European Pedagogical Practices (INDOPED) Projects, Seville University, Spain (2017)
5. Active participant, Workshop Industrial Engineering Curriculum Development based on KKNI and Common Criteria LAM Engineering , Badan Kerjasama Penyelenggara Pendidikan Tinggi Teknik Industri, Diponegoro University Semarang, Indonesia (2015)
6. Active participant, Awareness of Education Criteria for Performance Excellence using Malcolm Baldrige Criteria, BSI International (2013).
7. Certified Training for Trainer SAP01 – Overview, SAP and Edugate (2015)
8. Certified National Procurement Specialist, Indonesian Ministry of National Development Planning (2015)

Research training experiences:

1. Active participant, Workshop of Research and Article Writing, Institute of Supply Chain and Logistic Indonesia, Gadjah Mada University Jogjakarta, Indonesia (2017)
2. Active participant, Workshop and Coaching of International Publication, Widya Mandala Catholic University Surabaya 92017).
3. Active participant , Workshop of Urban Logistics and Supply Chain Management, Temasek Foundation, Makasar, Indonesia (2017)

Research interest and activities:

Logistic and Supply Chain Management, Operation Management, Quality Engineering & Management

Achievements:

Publications:

1. Mulyana, I.J., Wijaya, D.I., Sianto, M.E. (2017) Full Factorial Experimental Design To Determine Factors Influenced Total Bacterial Content In Making Vegetable Sausage. *ARPN Journal of Engineering and Applied Sciences*, 12, 219-222.
2. Ongkowijoyo S., Mulyana, I.J., Mulyono, J. (2017) Determination of Optimal Machine Setting on Corrugating Process. *Media Teknika Jurnal Teknologi* Vol.11, No.1 Juni 2016, 22 – 28.
3. Mulyana, I.J., Santosa, H.L.M., Yuliati (2017) Design Of Machine Making *Sari Tapioka* From Cassava (*Manihot Utilissima*), *Jurnal Teknoin*, 22, 826 – 833.

4. Mulyana, I.J., Angka, P.R. (2014) Productivity Improvement of Small and Medium Enterprises (SMEs) Shoes Industry Sidoarjo Regency East Java by Lean Production Approach. *Jurnal Integra*, No. 2 (2014), 151 – 160.
5. Mulyana, I.J., Santosa, H.L.M., Prasetyo, W. (2013) Design of Filtering Tools in Tofu Industry, *Jurnal Ilmiah Teknik Industri*, 12(1), Juni 2013, pp. (21-30).

Oral and poster presentations in scientific meetings:

1. Mulyana, I.J., Kwa See Yong, Edy S. Analytical Production Scheduling with Probabilistic Factors in the Production System, Seminars and Congress of Industrial Engineering Education, Solo, 2002
2. Mulyana, I.J., Performance Comparative Simulation of Schedule and Un schedule Breakdown Production System, Design and Application Technology Seminar, UKWMS, Surabaya, 2003
3. Mulyana, I.J., Safety and Health in Industrial Environment, Design and Application Technology, UKWMS, Surabaya, 2003
4. Adhi Krisna, Mulyana, I.J., Workplace Redesign to Improve Assembling Operator Effectiveness, Design and Application Technology, UKWMS Seminar, Surabaya, 2003
5. Mulyana, I.J., Paulina Ike SR., Ergonomic Approach to Improve Small Scale Industry in Indonesia, Congress and National Seminar in Ergonomic, Agricultural Technology Faculty, UGM, Jogjakarta, 2003
6. Maria Fanda Iswara, Mulyana, I.J., Determination of Optimum Factors of Duck Nugget Processing with Taguchi Methods, National Seminar of Manufacturing System III, UII, Jogjakarta, 2003
7. Lily, Edy Sianto, Mulyana, I.J., *Importance And Performance Analysis Flexiphone* in Surabaya, Design and Application Technology, UKWMS, Surabaya, 2004
8. Fenny, Mulyana, I.J., Hendry Rahardjo, Discount and Price Fluctuation on Demand (A case study), Design and Application Technology Seminar, UKWMS, Surabaya, 2004
9. Fransisca Renata, Mulyana, I.J., Implementation of Taguchi Methods to Minimize Ceramics Defect in PT. Platinum Ceramics Industry Gresik, National Seminar on Industrial System Optimization, UPN Veteran, Jogjakarta, 2005
10. Mulyana, I.J., Performance Evaluation of Toothbrush Production to Increase Consumer Acceptance Rate, Design and Application of Technology, UKWMS, Surabaya, 2005
11. Mulyana, I.J., Production Planning Using Hybrid Analytical-Simulation Methods : a case study, International Conference on Operation and Supply Chain Management, ITS, Bali 2005
12. Devi Chatrina A., Mulyana, I.J., Julius Mulyono (2006), Implementation of Taguchi Method on Injection Moulding Process, Design and Application of Technology Seminar, UKWMS, Surabaya, 2006
13. Mulyana, I.J., L. Putu Christina (2006), Quality Improvement of Mineral Water with FAST and QFD, TEKNOIN Seminar, UII, Jogjakarta, 2006
14. Devi Chatrina A., Mulyana, I.J., Julius Mulyono (2006), Implementation of Taguchi Method on Injection Moulding Process, Design and Application of Technology Seminar, UKWMS, Surabaya, 2006
15. Nugraheni T., Mulyana, I.J., Julius Mulyono (2008), Logistic Performance Measurement at PT. Sanyu Paint, Design and Application of Technology Seminar, UKWMS, Surabaya.
16. Mulyana, I.J., Rulianto Utomo, (2008), Optimization of Duck Nugget Process Parameter with Taguchi Methods, TEKNOIN Seminar, UII, Jogjakarta (2008)
17. Mulyana, I.J., Danny WA. Julius Mulyono, (2008), Determination of Control Factor Affecting to Injection Process, RAPI Seminar, UNS, Solo.

18. M. Edy Sianto, Agnes VK., Mulyana, I.J., (2008), Performance Evalaution of Suplier, RAPI Seminar, UNS, Solo.
19. Mulyana, I.J., M. Edy Sianto, Lidya S., (2009), Implementation of 5 R at Engineering Faculty UKMWS Office, SNIS Seminar, Universitas Sultan Agung Tirtayasa, Banten.
20. Jhonny Nio, Mulyana, I.J., Suhartono, (2009), Multivariate Control Chart : a Case study in Steel Industry, National Conference Design and Application of Technology, UKWMS Surabaya
21. Martha Anantasia, Mulyana, I.J., Julius Mulyono, (2009), Design of Transportation Route of PT. MIF, National Conference Design and Application of Technology, UKWMS Surabaya
22. Felix Wijaya Tiono, Mulyana, I.J., Dini Endah SR., (2009), Capability Process Analysis Qualitative Data and Improvement of Shoes Industry, National Symposium RAPI, UMS Solo.
23. Lie Chin Han, Mulyana, I.J., Suhartono, (2010), Comparative Study of Duane Model and Times Series Model of System Maintenance, National Seminar of Quality Management and Engineering, ITENAS Bandung.
24. Mulyana, I.J. Santosa, L.,M.H., Angka, P.R., Perancangan Dan Pembuatan Alat Bantu Proses Scrap Sol Sandal Untuk Mengurangi Tingkatkelelahan Pekerja Dan Meningkatkan Produktivitas Dalam Rangka Implementasi Konsep Lean Production, Ritektra Conference, Surabaya, 2015.
25. Mulyana, I.J., Tjiang, L., Sianto, M.E., Gunawan, I. Performance Measurement in PT. XYZ Using The Balanced Scorecard (a case study of PT. XYZ), International Conference on Industrial Engineering and Operations Management, Kuala Lumpur, Malaysia, 2016.
26. Wijaya, E., Mulyana, I.J., Optimization of Cambering Process by Determination of Process Parameter to Improve Parabolic Leaf Spring, 7th International Conference on Operations and Supply Chain Management (OSCM), Thailand, 2016
27. Silvia OW. Mulyana, I.J., Julius M., Setting Machine Parameter of Corrugating Process, Journal Media Teknika, 2016

Translator of Textbook:

Publications in Newspaper:

Talk Shows and Interactive Discussions on Radio and Television:

Research Organization Membership:

- Member, Institute of Supply Chain and Logistic Indonesia (2017 – now)

Professional Organization Membership:

- Member, Indonesia Production and Operation Management, Surabaya Chapter (2014 – now)
- Member, Association of Indonesian Bachelor of Management and Industrial Engineering (2013 – now)
- Member, Institution of Engineers Indonesia (2016 – now)