



## Proceedings

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**ID 150 Entrepreneurship and Social Contribution Through Fountain Pens and the Act of "Writing" by Montblanc**

Shin'ya NAGASAWA, Professor, Graduate School of Business and Finance, Waseda University, Tokyo, Japan

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Esra Agca Aktunc, Assistant Professor of Industrial Engineering, Faculty of Engineering and Natural Sciences, Kadir Has University, Istanbul, Turkey

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Duc-Thinh Nguyen, Quoc Hung Nguyen and Van Manh Khong, Department of Mechanical Engineering, Viettel High Technology Industries Corporation, Hanoi, Vietnam

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Firas Alrumaykhani and Mohammad Nabhan, Industrial and Systems Engineering Department, King Fahd University of Petroleum and Minerals, Dhahran 31261, Saudi Arabia

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Boback Parsaei, Integrated Technology Systems, Inc., Houston, Texas, USA

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Kandis Boyd Wyatt, American Public University, United States

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Anjula Gurtoo, Professor, Department of Management Studies, Chairperson, Centre for Society and Policy, Indian Institute of Science, Bangalore, India

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**ID 272 Design in the Sustainable Supply Chain in Agribusiness: A Case Study in a Citrus Business Company**

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James Chakwiziram, Faculty of Natural and Agricultural Sciences, Unit for Environmental Sciences and Management, Department of Urban and Regional Planning, North-West University, Potchefstroom, South Africa

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**ID 316 The Role of Customer Value Co-Creation Behavior in Business Management**

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**ID 317 Distributed Manufacturing and Supply Chains, Applying Multi-Attribute Decision Supporting System**

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Linh NK Duong, Senior Lecturer in Supply Chain Management, Bristol Business School, The University of the West of England, Bristol, England

**ID 318 Indonesian Generation Z's Awareness of Data Privacy in the Use of Social Media**

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**ID 319 Analysis of Interviewing Experts in Weightage for Start-Up Business Factors of Edible Bird Nest Swiftlet Ranching Industry**

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**ID 320 Effect of Rising Cost and Worker Shortage on Industry**

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**ID 321 The Role of Risk Management of Start-Up Business on SMEs Performance: A Review Paper**

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**ID 322 Action Research of Product Innovation based on the Recent Trends in Improving Sales Performance**

Vinny Charlene Tedja, Renaldy Widjaya, Eriana Astuty, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Bandung Campus, Bandung, Indonesia, 40181

**ID 323 Third-Party Online Food Delivery vs Silo Fast-Food Restaurant Application, Which One Will Sustain in Greater Jakarta?**

Elizabeth Angeline, Alex, Geraldine Stefie Carolina Tando, Yohannes Kurniawan, Information Systems Department, School of Information Systems, Bina Nusantara University

**ID 324 Multi-Criteria Simulation Evaluation for Manual-Order-Picking Warehouse Design**

Safwan Altarazi and Maysa Ammouri, Department of Industrial Engineering, School of Applied Technical Sciences, German Jordanian University, Amman, Jordan

**ID 325 The influence of design decision making on the lifecycle of equipment**

Ashwyn Errol Brown, Post Graduate School of Engineering Management, University of Johannesburg, Auckland Park, 2092, South Africa

Hannelie Nel Associate Professor, Post Graduate School of Engineering Management, University of Johannesburg, Auckland Park, 2092, South Africa

**ID 326 The Challenges of Effectively Managing Multi-Disciplined Engineering Teams**

Sehlabane Nape Mphahlele and Hannelie Nel, Post Graduate School of Engineering and Management, Faculty of Engineering and the Built Environment, University of Johannesburg, Johannesburg, Gauteng 0001, South Africa

**ID 327 Replicability Assessment of a 3D-Printed Mold with Advanced Polymers and Chemical Smoothing**

Christian Leon-Cardenas, Patrich Ferretti, Gian Maria Santi, Leonardo Frizziero and Alfredo Liverani, Department of Industrial Engineering, Alma Mater Studiorum University of Bologna, Viale Risorgimento, 2 - 40136, Bologna, Italy

**ID 328 Electric Vehicle Routing Problem with Flexible Deliveries**

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**ID 329 The Importance of Human Resource Management in Corporate Social Responsibility Practices: A Case Study from a Brazilian Public Company Focused on Energy Operations Service**

Wagner Luiz Botnar and Gisele de Oliveira Andrade, School of Management, Federal University of Paraná, Curitiba, Paraná, Brazil

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Simone Cristina Ramos and Germano Glufke Reis, Assistant Professor, School of Management, Federal University of Paraná, Curitiba, Paraná, Brazil

**ID 330 Cultivating Customer Purchase Intention through Meaningful Social Media Marketing Activities**

William Julianto Muliadi and Eriana Astuty, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Bandung Campus, Bandung, Indonesia, 40181

**ID 331 The Impact of Endorser on Social Media Engagement and Consumers' Purchase Intention: Case of Indonesian Footwear Brands**

Nisryna Nabyla Putri and Tasya Safira Putri Sadewo, Creative Marketing Program, Management Department, BINUS Business School Master Program, Bina Nusantara University, Jakarta, Indonesia 11480

Artha Sejati Ananda, Management Department, BINUS Business School Master Program, Bina Nusantara University, Jakarta, Indonesia 11480

**ID 333 Analysis of Advertising, Brand Image, E-Word Mouth and E-Servqual on Buying Decisions to Shopee in Tangerang**

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**ID 334 Social Media Marketing Activities and Its Impact to The Sales Performance**

Zelina Devia, Eriana Astuty, Entrepreneurship Department, BINUS Business School Undergraduate Program, Bina Nusantara University, Bandung Campus, Bandung, Indonesia

**ID 335 Business Performance Management for Smes: Country-Specific Differences in Performance Drivers Lead to Different Requirements**

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Jozef Klučka, Assoc. Prof., Faculty of Security Engineering, University of Žilina, Žilina, Slovakia

**ID 336 Layout Optimization and Workplace Engineering for Improving Manufacturing Performance with Reference to a Bangladesh RMG Industry**

Shanjoy Chowdhury and Md. Asadujjaman, Department of Industrial and Production Engineering, Rajshahi University of Engineering and Technology, Rajshahi-6204, Bangladesh

**ID 337 Analysis of Consumer Perceptions of Interest in Buying Halal Hand Soap Products**

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**ID 338 Building the Effectively Customer Engagement in Improving Sales Performance**

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**ID 339 Determining The Winner of LPG Project Tender with A Multi Expert Multi Criteria Decision Making**

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**ID 340 Ultrasound Image Segmentation using Combinatorial of Edge Enhancement and Kirsch's template Method to detect Follicles in Ovaries**

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**ID 341 Optimization Allocation of Indonesia Crude Palm Oil toward Sustainable Downstream Industries**

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**ID 342 Model Selection Measures for Orienteering with Stochastic Profits**

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**ID 343 Mental Workload Assessment and Neuroergonomics Approach of Private Car Drivers Passing Along a Major Highway**

Delos Santos, Ma. Isabelle J.a, Villareal, Regille Kyle C.b, Quevedo, Venusmar C.c, Mendoza, Sheily V.d, Industrial Engineering Department, College of Engineering, Adamson University, Manila, Philippines 1000

**ID 344 Improving Stock Market Intraday Prediction by Generative Adversarial Neural Networks**

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Loubna Benabbou, Département Sciences de la Gestion, Universit du Québec Rimouski (UQAR), Campus de Lévis, Québec Canada

**ID 345 Evaluating the Accuracy of LSTM Forecasting Model and Intervention Programs in Combating Covid-19**

De Guzman, Pauline Kay S.a, Honolario, Addie Rafaella P.b, Quevedo, Venusmar C.c, Sore, Nestley, I.d, Industrial Engineering Department, College of Engineering Adamson University, Manila, Philippines

**ID 346 Survival Analysis on the Attrition of Engineering Undergraduates at Adamson University During the COVID-19 Pandemic**

Atienza, Krista Angelica Z., Nolasco, Manefei P., Quevedo, Venusmar C., Lasian, Lourdes P., Industrial Engineering Department, College of Engineering, Adamson University, Manila, Philippines 1000

**ID 347 Analysis of Waste Management Practices of Households for Transition Towards Circular Economy in the Philippines**

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**ID 348 Cross Sectional Dependency and Panel Unit Root Tests: Foreign Direct Investment in Indonesia**

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**ID 349 The Employee's Performance of Production Division in a Textile Firm in Indonesia**

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Heppy Yohanes, Sekolah Tinggi Teologi Bethel The Way (STTB The Way), Jakarta, Indonesia

**ID 350 Towards Resilient Educational System and Governance: Measuring Effectiveness and Competitiveness of Private HEIs**

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**ID 351 Combining Customer and Sustainability Requirements in Quality Function Deployment for a Composite Aircraft Structure**

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**ID 352 Towards a Basis for Policy Framework for Stockouts and Shortages of Drugs**

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**ID 353 The Affect of Digital Transformation on Leadership in Shariah Bank: A Literature Review**

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Yudi Ahmad Faisal, Department of Management, Faculty of Economics and Business, Padjajaran University, Bandung, Indonesia

**ID 354 The Process to Defining and Optimizing Competitive Advantage Value by Implementing DMADV Approach**

Muhtia Luchfi and Sri Susilawati Islam, Department Industrial Engineering, Faculty of Engineering and Technology, Sampoerna University, Jakarta, Indonesia

**ID 355 Workload Analysis to Determine Optimal Number of Employees by Considering Physical and Mental Workload (Case Study: Administration Department and Partnership & Acquisition Department at Karya Lokal Indonesia)**

Rajib Nur Mohammad and Sri Susilawati Islam Department of Industrial Engineering, Faculty of Engineering and Technology, Sampoerna University South Jakarta, Indonesia

**ID 356 Online Marketing Strategy using Instagram's Power**

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**ID 357 Analyzing the Relationship between Equipment Operation Time toward the Queueing Problem of the Head Truck During Loading and Unloading Activity in the Container Yard**

Fani Fafas Tafia and Sri Susilawati Islam, Industrial Engineering, Faculty of Engineering and Technology, Sampoerna University, Jakarta, Indonesia

**ID 358 Customer Acceptance on Smart Medical Application**

Tiurida Lily Anita, Hotel Management Department, Faculty of Economics and Communication, Bina Nusantara, University Jakarta, Indonesia

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Totok Sugiharto, Post Graduate Program, Pelita Harapan University, Tangerang, Indonesi

**ID 359 CLIQUE: A Web-Based Queue Management System with Real-Time Queue Tracking and Notification of Units for Angeles University Foundation Office of the University Registrar**

Marc Lester Z. Mallari, Joshua S. Guintu, Yoben C. Magalong, and Daisy S. Yap, College of Computer Studies, Angeles University Foundation Angeles City, Philippines 2009

**ID 360 Supply Chain Agility, Complexity and Resilience: An Empirical Study of Blockchain-Technology Application in Indonesia Logistics Service Providers**

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**ID 361 A Simulation Study of Improving Loading Performance of Liquid Ammonia in A Fertilizer Company in Indonesia**

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**ID 362 Usability Evaluation and User Acceptance of Cobot: Case Study of Universal Robots CB Series.**

Yada Sriviboon and Arisara Jiamsanguanwong, Department of Industrial Engineering, Chulalongkorn University, Bangkok, Thailand

**ID 363 Improving of Financial Flexibility and Distress on Consumer Goods Manufacturers in Indonesia**

Cindy Hartanto Osman, Researcher, Faculty of Business, Management, President University, Bekasi, Indonesia

Purwanto, Associate Professor, Faculty of Business, Management, President University, Bekasi, Indonesia

**ID 364 Impact of Technology Adoption in Forward Logistics: A Quantitative Approach**

Gourav Tiwari and Vijaya Dixit, Operation Management, Indian Institute of Management Ranchi, Jharkhand, India

**ID 365 Workload Balancing via Cellular Manufacturing: A Case Study in a Rubber Factory**

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**ID 366 Comparative Study of Manual Washing and Galangal Machine Washing: A Case Study of Uttaradit Province, Thailand.**

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**ID 367 Quality Control and House of Quality Analysis Process Of The Product Of The Petroleum Pump In Pt. Xyz**

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**ID 368 A systematic modelling of Industry 4.0 technologies: an ISM-based approach**

Bhavesh Bhatnagar and Vijaya Dixit, Operations Management Area, Indian Institute of Management Ranchi, Jharkhand, India

**ID 369 Determine the Coordinate of Distribution Centre for Disaster Management Using Centre of Gravity**

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**ID 370 Application of Distribution Activity Planning with Distribution Requirement Planning Method on Pump Products in PT. XYZ**

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**ID 371 New Layout Design Proposal for PT ABC Using Systematic Layout Planning and CORELAP Methods in Accordance with ANN's Forecasting Production Capacity at Repackaging Company**

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**ID 372 The Development of Several Marketing Models in Performance Measurement in Industrial and Business Management Systems**

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**ID 373 Quality Control Analysis, Six Sigma, Dmaic and Root Cause Analysis of Ring CvT (Case Study at Pt. Denapella Lestari)**

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**ID 374 Raw Material Warehouse Layout Design Using Class-Based Storage Method and ProModel Simulation and FlexSim Simulation at Automotive Assembling Company**

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**ID 375 Safety Risk Management Analysis at Pt. Xyz Using the Hiradc and Fmea Approach**

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**ID 376 Forecasting and Production Planning, Inventory, Capacity, and Distribution Control in Y-Strainer Production in Metal Fitting Industry**

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**ID 377 Production Layout Replanning Using Systematical Layout Planning with Shared Storage Method Analysis and Flexsim Simulation in Garment and Textile Company**

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**ID 378 Product Design and Experiment on Espresso Machine Portafilter Using Reverse Engineering And Vdi 2221 Methods**

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**ID 379 TRENSAFE: Intrusion Alarm System for Smart Home Protection and Security Using Arduino with SMS Notification**

Recy Anne C. Dequiros, Chelsea Liezl A. Catacutan, Jonel V. Dela Cruz, Kirvy Dawn G. Ziganay, and Benedict M. Guarin, College of Computer Studies, Angeles University Foundation, Angeles City, Pampanga, Philippines

**ID 380 Developing a Research Model for the Effects of Organizational Structure's Agility, Team Autonomy, and Emerging Leadership in Teams on Agile Project Performance**

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Assist. Prof. Alper Camcı, Assistant Professor in Management Engineering, Faculty of Engineering and Natural Sciences, Bahçesehir University

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**ID 381 Re:SCN: A Web-based Report Management System with RFID-Based Vehicle Monitoring for Villa Belen**

Joseph Raphael Canlas, Kenan Kerl Punsalang, Erwin Galura, Lester Herrera and Jonh Ray Medina, College of Computer Studies, Angeles University Foundation, Angeles City, Pampanga, Philippines

**ID 382 Development of Traveling Friends Search Service Through Mobile Application "Destinasi"**

Tallita Almira Harvy, Talitha Manggiasih, and Rienna Oktarina, Industrial Engineering Department, Faculty of Engineering, BINUS University, Jakarta, Indonesia

**ID 383 AUFFound: Retrieval of Misplaced Personal Belongings Through Mobile Application and Web-Based Management System Designed for Angeles University Foundation**

Erwin Castro, Kaila David, Kim De Silva, Lester Roxas, College of Computer Studies, Angeles University Foundation, Angeles City, Pampanga, Philippines

Joyce Macaspac, Faculty, College of Computer Studies, Angeles University Foundation, Angeles City, Pampanga, Philippines

**ID 384 Ecotopia: A Market Research Proposal for Building New Urbanism Sustainable Communities**

Sheila Mae Carungay, Patricia Mae Dimaunahan, Lourdes Lasian and Leonel Villamor, Department of Industrial Engineering, College of Engineering, Adamson University, Manila, Philippines

**ID 385 An Analysis Efficiency of Long-Term Scheduling in The Production Process of Manufacturing Companies: A Systematic Literature Review**

Hugo Gerald Tanara, Lilya Syopiana, Livia Putri, Haryadi Sarjono, BINUS Business School Undergraduate, Bina Nusantara University, Management Department, Jl. KH. Syahdan No. 9, Palmerah, Jakarta Barat, Indonesia 11480

**ID 386 Witty Owl: A Product Design and Development Proposal for Improved Online Learning**

Rhea Antolihao, Sheila Mae Carungay, Denver Darell Jonatas, Lourdes Lasian and Earl Jerome Miranda, Department of Industrial Engineering

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**ID 395 A Review of Road Safety Monitoring**

Ibtissam El Khalai, Zoubida Chorfi, Abdelaziz Berrado, Equipe de recherche AMIPS, Ecole Mohammadia d'Ingénieurs, Mohammed V University in Rabat, Morocco

**ID 396 Improving Firm Performance through Supply Chain Adaptability and Resilience: Service-Blockchain Based View**

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Andre Kreie, Director Logistics Education – LEED, Kuehne Foundation, Switzerland

**ID 397 Forecasting Analysis of Crop Yield in Predicting Sales Orders in Bina Sarana Bakti Foundation**

Taufiq Candra, Sampoerna University, Indonesia

**ID 398 The Antecedents of Employee Performance in Consumer Goods Companies during Covid-19 Pandemic**

Egga Surya Aditya, Riko Vani Umayah, Vega Fitra Agnefo, Abdul Rohman, Binus Business School-Master Program, Bina Nusantara University, Bekasi, Indonesia

**ID 399 OPTIMIZATION OF THE PRODUCT MIX AT SMALL-SCALE BAKERY INDUSTRY**

Sri Susilawati Islam and Rayhana Ayu Amelia Putri, Department Industrial Engineering, Faculty of Engineering and Technology, Sampoerna University, Jakarta, Indonesia

**ID 400 Green Logistics Framework for Shippers**

Nusrat Shaikh, Simon Peter Nadeem, Jose Arturo Garza-Reyes, Center for Supply Chain Improvement, University of Derby, U.K.

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**ID 401 Finding the Best Strategy to Overcome the Crisis, Study Case in The Fashion Business**

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**ID 402 Equality Constrained Performance Optimization for Micro- Service Applications Under Restricted Resources**

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**ID 403 Electricity and Gas Potential of Abattoir Waste**

Moses Jeremiah Barasa Kabeyi, Industrial Engineering Department, Durban University of Technology, Durban South Africa

Oludolapo Akanni Olanrewaju, Industrial Engineering Department, Durban University of Technology, Durban South Africa

**ID 404 Effectiveness Of E-Learning from A Student's Perspective: With the Theory of Planned Behavior Approach**

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**ID 405 Sugarcane Molasses to Energy Conversion for Sustainable Production and Energy Transition**

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Oludolapo Akanni Olanrewaju, Industrial Engineering Department, Durban University of Technology, Durban South Africa

**ID 406 A Techno-economic Assessment of Diesel to Gas Powerplant Conversion**

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**ID 407 Group Decision Making in Supply Chain Contracting**

Ümmühan Akbay, Assistant Professor in Management, Faculty of Economic, Administrative and Social Sciences, Işık University Istanbul, Turkey

**ID 408 A Study of DevOps Challenges and the Creation of a Framework to Guide Organizations in Successfully Implementing DevOps**

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**ID 409 Performance Analysis and Development of an Export Cogeneration Plant For A 3000 Tcd Sugar Cane Factory**

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**ID 410 Assessment of Logistics Operations Performance of Modjo Dry Port, Ethiopia**

Meron Tamrat Assefa, Regional Operations Associate, United Nations Capital Development Fund, Addis Ababa, Ethiopia

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**ID 411 Preliminary Design of a Cogeneration Plant for a 120 MW Diesel engine Power Plant**

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**ID 412 A Systematic Review on Contractual Challenges and Constraints in Construction Industry Relate to a Pandemic Situation (COVID 19)**

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**ID 413 Structural Damage Assessment Using Aerial Images For Bridges**

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**ID 414 Innovative Mixed-Reality Simulations to Enhance Collaborative Team Skills in Global Engineering Teams: A Research Proposal**

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**ID 415 Data Mining and Analysis of Scientific Research on ADHD in Saudi Arabia**

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**ID 416 A Bibliometric of Sentiment Analysis in Tourism Industry during COVID-19 Pandemic**

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#### **ID 417 AI-Based Analysis for Industry 4.0 Maturity Models – A Systematic Review and Bibliometric Analysis**

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#### **ID 418 Sunscreen Based on Stevia Leaf Extract (Stevia rebaudiana) as Anti-UV and Antioxidant**

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Suné von Solms, Department of Electrical Engineering, University of Johannesburg, Johannesburg, South Africa

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Juan Estrada-García, Juliana Figueroa, Ezequiel González, Jenny Díaz-Ramírez, Department of Engineering, Universidad de Monterrey, San Pedro Garza García, Mexico

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**ID 454 Improvement of Biodegradable Magnesium-Based Alloys Properties by Ca/P Based Bioceramics Biomimetic Deposition**

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Mohamed Retima, and Imene Ghezaili, National School of Mines and Metallurgy L3M-Annaba, Algeria

**ID 455 How Knowledge Integrated Capacity and Knowledge Management Practice Contributes toward Organizational Performance?**

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Dr. Cagri Bulut, Director, Graduate School of Social Sciences, Yasar University, Izmir, Turkey

**ID 456 Electrochemical and Friction Investigation of Biomaterials Alloys AISI 316L And Zn in Simulated Body Fluids**

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**ID 458 Modeling & Optimization of a Multi-Echelon MultiObjective Humanitarian Logistics Model Using Branch & Cut Algorithm**

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**ID 461 The Moderating Role of Job Enrichment: When Millennial Characters Have a Negative Relationship on Organizational Performance (Case Study at Social Insurance Company in Indonesia)**

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**ID 462 The Determinant Factors of Student Learning Satisfaction Using E-Learning During Covid-19 Pandemic at a Private University in Indonesia**

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**ID 463 Finding Faculty Dissatisfaction Through Incivility, Commitment and Being Engaged**

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**ID 465 Hidayatullah Network in Minahasa: Pesantren and Political Activities**

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**ID 466 Character Education in Leadership Training Activities on Himpunan Mahasiswa Islam Gowa Raya**

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**ID 467 Implementation of Social Community Development in Indonesia and Malaysia Borders: Case Study Kecamatan Sajingan Besar Sambas Indonesia**

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**ID 468 Existence of Local Wisdom and Its Integration with Environmental Awareness in Education in South Sulawesi**

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**ID 469 A Review of Employees Training and Development in Navigating through Pandemic Covid-19: Malaysian Perspective**

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**ID 470 Exploring the Factors Affecting in the Adoption of E-Learning Systems in COVID-19 Pandemic: The Higher Education Students Perspectives**

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**ID 471 A Hybrid Variable Neighborhood Search Algorithm for the Multiple Roaming Salesman Problem**

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**ID 472 A Hybrid BWM-SCOR Method for Analysis Electronic Manufacturing Supply Chain Elements that Affected with COVID-19 Pandemic**

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**ID 473 Relationship Between Lean Manufacturing Practice and Product Quality in a Halal Food Industry: A Case Study in Tanjung Karang, Selangor, Malaysia**

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**ID 474 Design for Supply Chain Performance Measurement in Fast-Food Restaurant Franchise**

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**ID 475 Automotive Battery Cooling Systems for Electrical Vehicles**

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**ID 476 Planning and Optimization of a Post Disaster Multi-Echelon Humanitarian Logistics Network: A Case Study in Bangladesh Perspective**

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**ID 477 Exploration of the Factors Affecting Efficient Production Planning: A case study of the Ready-Made Garments Industries of Bangladesh**

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**ID 490 Academic Dishonesty and Financial Reporting Fraud Intention**

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**ID 491 Analysis of Swallow Nest Export Strategies from Indonesia to China with Export Restriction Regulations**

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**ID 492 MBKM-Student Community: Benefits of Students Joining the Community Service Program on Applying Solar Energy in the Development of Agricultural Tourism in Jombang**

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**ID 493 Village Community Service Program: An Opportunity to Implement Solar Power in Agricultural Tourism Development in Jombang, Indonesia**

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**ID 494 Analysis of the Influence of Digital Economy Collaborative Learning towards Achievement and Recognition of Students and Lecturers of Management Major of Narotama University**

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**ID 495 Impact of Collaborative Learning Model Team-based Project Enterprise Resource Planning to Academic Achievement of Information Systems Major Students Faculty of Engineering and Computer Science Narotama University**

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**ID 496 Sustainable Village Economy, The Role of Thematic Village Community Service Programs by Implementing Solar Renewable Energy in Implementation of MBKM Programs**

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**ID 497 The Role of Universities in Improving the Agro-Tourism and Agro-Cultural Economy with the Support of Renewable Technology as Implementation of MBKM Programs**

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**ID 498 Solar Infrastructure: MBKM Village Community Service Program, Narotama University, Surabaya, Indonesia, Connected MBKM, Village and Renewable Energy for Better Village Environment**

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**ID 499 Analysis of Relationship between the Comprehension of MBKM Curriculum and the Loyalty of Students and Lecturers of the Narotama University**

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**ID 500 Urban Solar: Village Community Service Program, Narotama University, Surabaya, Indonesia-Based Renewable Energy Technology**

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**ID 501 Solar Village: Mbkm Village Community Service Program, Narotama University, Surabaya, Indonesia, Student Program and After Studies**

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**ID 502 Innovation of Learning Model in The MBKM (Merdeka Belajar Kampus Merdeka) Curriculum Based on Competency and Web Based Platform as an Easy Process of Education and Professional Exam (Case Study of Accounting Program)**

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**ID 503 A Data-Driven Solution Framework for an Inventory Management in Textile Industry**

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**ID 504 MBKM Program, Village Community Learning by Using Good Physical Facilities in Semen Gandusari Village, Blitar**

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**ID 511 MBKM-KKNT: Readiness of Narotama University Students Involved in Application of Solar Power in Agricultural Tourism Development in Jombang**

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**ID 512 Solarpower Pump Renewable Energy Supporting Green Farmers Ploso Geneng Village Jombang Indonesia**

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**ID 513 Digital Entrepreneurship: Implementation & Impact of MBKM Digital Entrepreneurs Narotama University**

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**ID 514 Digital Entrepreneurship: The Effect of Knowledge on Students' Perceptions of the Benefits of MBKM**

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**ID 515 MBKM Digital Entrepreneurship Education Impact on Student's Intention in Department of Management, Narotama University, Surabaya, Indonesia**

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**ID 516 Bibliometric Analysis of Project Management Evaluation in Construction Industry**

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**ID 517 The Role of the Flipped Classroom Pedagogy on the Engagement of Architectural Engineering Students: An Action Research**

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**ID 518 Implementation of Andragogy Principles in MBKM based Hybrid Learning at Narotama University**

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**ID 519 The Implementation and Impact of MBKM to Accounting Department of Narotama University**

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**ID 520 The Implementation and Impact of MBKM to Faculty of Law, Business and Education of Narotama University**

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**ID 521 A Study on Improving the Vaccination Process of Local Government Units (LGU) in the National Capital Region of the Philippines**

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**ID 522 Determining Newspaper Distribution Routes to Reduce Environmental Emissions with Saving Matrix Method Based on Demand Forecasting for Green Logistics**

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**ID 523 Implementation of the Trend Line Analysis Method on Newspaper Demand in the Digitalization Era: A Case Study**

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**ID 524 Determining the Optimal Route for Newspaper Distribution to Reduce Environmental Emissions for Green Logistics Using the Saving Matrix and Nearest Neighbor Methods Case Study: XYZ Ltd. Surakarta**

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**ID 525 Selection of the Best Newspaper Forecasting Method Using Holt-Winters and Long Short-Term Memory Method**

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**ID 526 Supply Chain Risk Management During the Covid-19 Pandemic Using a Quantitative Approach (Case Study: PT Aksara Solopos Newspaper)**

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**ID 527 Comparison of Trend Line Analysis Methods and Backpropagation Neural Network with Lowest Error Rate in Solopos Newspaper Industry**

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**ID 528 Determining Newspaper Distribution Routes Using Sweep Algorithm and Local Search to Solve the Capacitated Vehicle Routing Problem and Minimizing Cost**

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**ID 529 Quality Control of Hot-Rolled Coil Production Process with Six Sigma Method in Hot Strip Mill Division of Steel Company**

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**ID 530 Enhancing the Effectivity and Efficiency of Production System using Discrete Event Simulation Approach (A Case Study in PT Solo Grafika Utama)**

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**ID 531 Comparison of Trend Line Analysis Methods and Backpropagation Neural Network with Lowest Error Rate in Solopos Newspaper Industry**

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**ID 532 Determining the Optimal Route for Newspaper Distribution by Using the Sweep Algorithm Method (Case Study: PT Aksara Solopos)**

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**ID 533 Determining Newspaper Distribution Routes using Cheapest Insertion Heuristic Algorithm with Sweep Clustering: A Case Study**

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**ID 534 Distribution Route Optimization of Newspaper Publishing Company with Saving Matrix Method and Milk-Run System**

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**ID 535 Selection of the Best Forecasting Method for Newspaper Demand Based on Special Event (Case Study: PT. XYZ)**

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#### **ID 536 Usability Study on the Online Retail Platform of Local Pharmacies in the Philippines**

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#### **ID 537 Implementation of the Trend Line Analysis Method on Newspaper Demand in the Digitalization Era: A Case Study**

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#### **ID 549 Determining Capacitated Vehicle Routing Problem Model with Comparative Analysis of Sweep Algorithm and Heuristic Algorithm in Newspaper Company: A Case Study**

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#### **ID 550 Management of Heterogeneous Classroom Learning Using Diagnostic Assessment in Narotama University Student Exchange Program**

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#### **ID 551 Determination of Distribution Routes with Joint Route Planning Using Differential Evolution Algorithm in the Newspaper Industry**

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#### **ID 552 Supply Chain Network Model Development for Conversion Electric Motorcycle Distribution in Central Java using the Mixed Integer Linear Programming Method**

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#### **ID 553 Supply Chain Risk Management in Newspaper Printing Using FMEA and FTA Methods (Case Study: PT. XYZ)**

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#### **ID 554 A Manufacturer Opening Decision of Electric Motorcycle Conversion Kit Using the Mixed Integer Linear Programming Method**

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**ID 555 Development of Location–Allocation Model of Network Design for Battery Swapping Station and Battery Charging Station Facilities for E Trike and E–Motorcycle**

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**ID 556 The Impact of MBKM in the Digital Efforts of Students of the Department of Teacher Education–Early Childhood Education during the Pandemic and Industrial Revolution Era 4.0**

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**ID 557 The Application of QFD and BMC for Furniture Development: A Case Study of Wickerwork Handicraft in Thailand**

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**ID 558 The Application of QFD and BMC for Furniture Development: A Case Study of Wickerwork Handicraft in Thailand**

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**ID 559 Development of Supply Chain Network Design Model for Commercialization of Batik Waste Processing Equipment with Credit System**

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**ID 560 Development of Supply Chain Network Design Model for Commercialization of Batik Waste Processing Equipment with Credit System**

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**ID 561 Comparative Study of Global Business Strategy: Lessons Learned from Excellent Sport–wear Companies (Nike and Adidas)**

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**ID 562 Lesson Learned in Developing and Implementation a Global Business Strategy in Agriculture Companies: A Comparative Study**

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**ID 564 Commercializing a Technology use Global Business Strategy approach: A Lesson Learned from HVAC Companies**

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**ID 565 Lesson Learned a Global Business Strategy in Electronic Book Reader: A Comparative Study**

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**ID 566 Developing a Business Strategy for the Recovery of Micro, Small, and Medium-sized Food Service Enterprises Affected by the COVID-19 Pandemic Using Structural Equation Modelling**

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**ID 567 Musculoskeletal Disorders: Associated Risk Factors of the Laptop Usage Among Engineering Students in the University of Santo Tomas**

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Yokogiru Aldwin Valentino, Simanjuntak BINUS University, Indonesia

**ID 569 An Evaluation on The Service Delivery Capacity of Engineering Educators from Selected Universities in the National Capital Region, During the COVID-19 Pandemic**

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**ID 570 Stakeholder Perspective Analysis: Factors for Sustainable Policy Development**

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**ID 571 Supply Chain Network Design Optimization Model for Determining the Location of The Facilitation Allocation for The Procurement of Machinery for Commodity Auctions in Magetan Regency**

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**ID 572 Optimization Supply Chain Network Design for Bioreactor: A Case Study in Jakenan Pati**

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**ID 573 How Social Support Affects Work-life Balance? A Post Covid-19 Pandemic Prediction**

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**ID 574 Supply Chain Network Design in Determining Location of Solar Powered Pest Control to Increase Harvesting Effectiveness of Rojolele Rice in Delanggu**

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#### **ID 575 Supply Chain Network Design Integration Model for Opening-Closing Decision Allocation Terminal Salt Warehouse Facility**

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#### **ID 576 Design of a Supply Chain Network for Electricity Distribution Stations for Waste Treatment**

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#### **ID 577 Design of Philippine Public Health Services Information System to Improve the Department of Health's COVID-19 Initiatives**

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#### **ID 579 The Effect of MBKM Policy on Student Activities Outside the Campuss at Universitas Narotama**

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#### **ID 580 Narotama 4.0, Impact of MBKM Implementation Policy on Student Perceptions Facing Era 4.0**

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#### **ID 581 Analysis of Customer Characteristics for Customer Segmentation Classified by Share of Wallet: A Case Study of a Japanese Food Manufacturing Company**

Yurina Oku, Ayuko Komura, and Hirohisa Hirai, Department of Industrial Engineering and Management, Kanagawa University, Kanagawa, Japan

#### **ID 582 Adoption of Industrialised Building System (IBS) in Government and Private Project: Does It Satisfy the Key Performance Indicator (KPI) of Government?**

Natasha Dzulkalnine, Nurulhuda Mat Kilau and Gerald Sundaraj, Construction Research Institute of Malaysia (CREAM), Level 29, Sunway Putra Tower, No.100, Jalan Putra, 50350, Kuala Lumpur, Malaysia

#### **ID 583 Performance Measurement of 3PL Service Providers for Online Retailers in the Philippines**

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#### **ID 584 The Current Issues and Factor Determinants of User Experience (UX) using Learning Tools**

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**ID 585 Designing E-commerce Marketing Strategies for the Online Retail Industry: The Influence of Filipino Consumer Preference Towards Online Shopping**

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**ID 586 Factors that Influence Indonesian K-Pop Fans Willingness to Pay in Purchasing K-Pop Physical Album**

Jessica Irena, Marchell A. Putera, Tiffany, and Willy Gunadi, Business Management, Management Department, Binus Business School Master Program, Bina Nusantara University, Jakarta, Indonesia 11480

**ID 587 The Determinant Factors on Satisfaction, Loyalty, and Intention while Using Mobile Banking: A Systematic Literature Review**

Aisah Wulandari, Putri Cantika Febrina, Yakob Utama Chandra  
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**ID 588 Social Presence and Trusting Belief during Buyer-Seller Interaction in Electronic Marketplace**

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**ID 589 Lecturer Analysis on The Implementation of Mbkm Internship in The Construction & Infrastructure Industry at Faculty of Engineering and Computer Science of Narotama University**

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**ID 590 Lecturer Analysis on the Implementation of MBKM Internship in the Construction & Infrastructure Industry at Faculty of Engineering and Computer Science of Narotama University**

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**ID 591 Digital Construction: Implementation & Impact of Mbkm Internship Civil Engineering Study Program in the Construction & Infrastructure Industry**

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**ID 599 MBKM - Digital Entrepreneurship: The Effect of Knowledge on Students' Perceptions of the Benefits of MBKM**

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**ID 600 Implementation & Impact Of MBKM Digital Entrepreneurs Narotama University**

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**ID 601    Landslide Hazard in Chittagong & Chittagong Hill Tracts**

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Ahmad Mahir Faysal, Associate Program Manager, IEOM Society International, Southfield, USA., B.Sc. in Civil Engineering, University of Asia Pacific, Dhaka, Bangladesh

**ID 602    Push-Pull-Mooring, Perceived Risk and Consumer Mobility: Findings on Switching Behavior in Online Grocery Shopping during Large Scale Restriction in Covid-19 Pandemic Era**

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**ID 603    Combination House of Risk and Markov Model in Supply Chain Risk Management During the Covid-19 Pandemic for Fast Moving Consumer Good in Bangkalan Regency**

Ismail Romadhan Pegan and Oki Anita Candra Dewi, Universitas Internasional Semen Indonesia

**ID 604    Comprehension-Based Ergonomic Redesign of Equipment Warning Signs in Philippines Manufacturing Industry**

Pablo Mancia Jr. and Rex Aurelius C. Robielos, School of Graduate Studies, Mapua University, Intramuros, Manila, Philippines

**ID 605    Increasing Production Yield with a Visual Stream Mapping (VSM) in the Plastic Material Recycling Industry**

Ade Sophian<sup>1</sup>, Hasbullah Hasbullah<sup>2</sup>, 1,2 Industrial Engineering Dept., Universitas Mercu Buana, Jl. Meruya Selatan, Kembangan, Jakarta Barat

**ID 606    Application of Sustainable Value Stream Mapping in Office Furniture Production Line**

Vilia Vianti Halim, Wilson Kosasih, Lithrone Laricha Salomon, Department of Industrial Engineering, Faculty of Engineering, Universitas, Tarumanagara Jl. S. Parman No 1, Jakarta, 11440, Indonesia

**ID 607 Examination Scheduling System for Mapua University**

Bleyn Christian O. Servaz, John Joseph N. Pradas, John Emmanuel A. Sergio, Joel C. De Goma, and Sally I. Zara, School of Information Technology, Mapua University, Makati, Philippines

**ID 608    The Importance of Customer Focus for Organizational Performance: A Study Focus to an Information and Communication Technology Company based in Indonesia**

Arif Setiyaji, Gertrudes Maria De Fatima Frans Alves, Lianna Wijaya, Management Department, Faculty of BINUS Online Learning, Bina Nusantara Universit

**ID 609    Project Patrol: A Non-Index Crime Analysis using Spatio-Temporal Forecasting with Random Forest Classification**

Stephanie Anne A. Galang, Lawrence T. Dizon and Lawrence T. Dizon, Student of College of Computer Studies, Angeles University Foundation, Pampanga, Philippines

**ID 610    Petcare: A Smart Cage for Dogs**

Ronald Christian A. Infante, Bryan P. Dela Cruz, Dave Aron T. Sicat and Reymond T. Baltazar, Student of College of Computer Science, Angles University Foundation, Pampanga, Philippines

**ID 611    Impact of Fiber Orientation on the Mechanical Properties of Rice Straw-Glass Fiber Reinforced Polymer Composites**

Md. Ariful Alam, Md. Rafiquzzaman and Radwan Ahmed Rahat, Department of Industrial Engineering and Management, Khulna University of Engineering & Technology, Khulna-9203, Bangladesh

**ID 612    Food Company Industry Manager's Perspective for Food Safety and Halal: Exploratory Study**

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**ID 613    Online Learning Experience of Malaysian University Student During Covid-19**

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#### **ID 614 Online Learning Experience of Malaysian University Students During Covid-19 Pandemic**

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#### **ID 615 Building the Model for Detecting Different Types of Accounting Fraud in Japanese Companies**

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#### **ID 616 Exploring the Risk Factors for Rear-End Collisions on Indonesian Toll Roads**

Fatin Saffanah Didin, Ari Widyanti, Hardianto Iridiastadi, Industrial Engineering and Management Department, Institut Teknologi Bandung, Bandung, Indonesia

#### **ID 617 Indonesia Digital Native Business Co-Branded Credit Card: Perceived Benefits Roles in the Formation of Continuous Intention-to-use**

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Willy Gunadi, Business Management, Management Department, Binus Business School Master Program, Bina Nusantara University, Jakarta, Indonesia 11480

#### **ID 618 Transportation Performance Measurement for Coal Mining: A Review and Framework**

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#### **ID 619 Factors of Behavioral Intention and Use Behavior on Mutual Fund Mobile Applications in Indonesia: A Systematic Literature Review**

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#### **ID 620 The United Nations Global Compact: An Institutional Approach for Environmental Principles based on Participants in Turkey**

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Yıldız Yılmaz Güzey, Full Professor, Faculty of Economics and Business Administration Sciences, Business Administration (EN), Beykent University, Istanbul, Türkiye

#### **ID 621 Cluster-Based Colormap of Nanoindentation Using Machine Learning**

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#### **ID 622 Feasibility Study and Planning New Factory Layout Using Systematic Layout Planning (SLP) Method for Smart Trolley**

Jonathan Albert, Willy Harianto, Gabrielle Halim, and Geraldo Rafael, Lithrone Laricha, Salomon, Lina Gozali, Frans Jusuf Daywin, Helena Juliana Kristina, Andres, Industrial Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia, 11440

Agustinus Purna Irawan, Harto Tanujaya, Mechanical Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia, 11440.

#### **ID 623 Review of MIWA Auto Component Cluster for Benchmarking and Modelling the AHP Problem**

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#### **ID 632 A Comparative Study between Linear and Non-linear Control of Induction Motor**

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#### **ID 633 Understanding the International Students' Decision-making Processes to Join Indonesian Universities: Does Social Media Matter?**

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#### **ID 635 Blending Optimization in Traditional Diesel Oil Production in Indonesia**

Rois Fatoni, Heni Fidyayuningrum, Kun Harismah and A.M. Fuadi, Department of Chemical Engineering, Faculty of Engineering, Universitas Muhammadiyah Surakarta, Surakarta, Indonesia

#### **ID 636 The Intention to Buy Europe Fashion Products Through ECommerce**

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#### **ID 637 Modeling Interactions among Project Success Criteria and Factors**

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**ID 638 Design of Smart-Gate System for Monitoring Body Temperature Detection During the COVID-19 Pandemic**

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**ID 639 Conceptual Model of Patient Brand Value Co-creation**

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**ID 640 Determining the Factors Affecting the Acceptance of Systems Providing the Integration of Big Data Analysis and Mobil Applications: Enhanced Technology Acceptance Model**

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**ID 641 Productivity Improvement in Car Detailing Process at Java Detailing Workshop with Mepis Productivity Cycle**

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**ID 642 Industry 4.0 Technologies for Sustainable Performance in Indian Manufacturing MSMEs**

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**ID 643 Optimal Supply Chain Networks Under Failure Risks Using Meta-Heuristic Algorithms**

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**ID 644 Product Formulation of Instant Powder Functional Drink from Black Jelly Grass and Other Natural Ingredients**

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**ID 645 The Impact of Trust on Social Media Influencers on Customer Travel Decision Making**

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**ID 646 The Effect of Transformation Leadership on Small and Medium Enterprises Performance: The Mediation Roles of Employee Creativity and Organization Innovation**

Duha Hashim Ali Alkhazraji and Prof. Dr. Wan Fauziah bt Wan Yusoff, Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, Johor, Malaysia

**ID 647 The Impact of Transformation Leadership on the Performance of Small and Medium Enterprises in United Arab Emirates**

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**ID 648 Saudia Dairy and Foodstuff Company (SADAFCO)'s Competitive Position**

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**ID 649 Influencing Factors of Millennial Consumers' Attitude towards Online Shopping**

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**ID 650 A New Method for Double-Bit Error Correction**

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**ID 651 Using Microsoft Power BI and Data Visualization Tools to Study How Online Shopping was Affected During COVID19 Period: A Comparison in Three Countries Between 2019 and 2020**

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**ID 652 The Effect of Job Stress, Workload, Leadership Style, and the Organizational Environment on the Intention to Quit Working.**

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**ID 653 FPGA Based Automated Glaucoma Detection from Retinal Fundus Image**

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**ID 654 An Experimental Study: The Perception of The Availability of Facebook Pay as an Escrow Service and the Impact on Purchase Intention on Instagram**

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**ID 655 The Antecedents and Outcomes of social media Word of Mouth Towards Luxury Fashion Brands Purchase Intention**

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**ID 656 Establishing Autonomy of House Ownership in Low-Income Society by Administering Money Saving**

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**ID 657 Analysis of Twitter social media on the Supporting Criteria of Largest Marketplace Customer Satisfaction in Indonesia**

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**ID 658 Design and development of a Module-based EduKit for Teaching and Learning with PIC Microcontroller**

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**ID 659 Evaluating Company X's Product Mix and Product Size to Maximize Profit**

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**ID 660 The Future of Digital Procurement and its Benefits in The Global Supply Chain**

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**ID 661 A Meta–Heuristic Algorithm Based on Modified Global Firefly Optimization: In Supply Chain Networks with Demand Uncertainty**

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**ID 662 Using Machine Learning to Predict College of Engineering Student Failure at an Early Stage**

Omar Albalawi, Assistant Professor of Industrial Engineering, University of Tabuk, Tabuk, Saudi Arabia

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**ID 663 Modeling to Maximize MENNA's Profit Case Study**

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**ID 664 Fourth Industrial Revolution (4IR) Technologies for Sustainable Development in Manufacturing Sector**

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**ID 665 Machine Learning for Predictive Maintenance in the Manufacturing Sector**

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**ID 666 Development of Artificial Neural Network (ANN) Models for Prediction of Occupational Injuries in Construction Industries**

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**ID 667 Perceived Ease of Use in Information Technology Acceptance Across Different Healthcare Systems – A Research Review**

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**ID 669 RE:SCN: A Web–based Report Management System with Vehicle Monitoring for Villa Belen Subdivision**

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**ID 670 TRIZ–ISHIKAWA diagram, a new tool for detecting influencing factors: a case study in HVAC business**

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**ID 671 Optimization of the Supply Chain System of a Food Factory**

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**ID 672 HydroPump: Arduino Based Automatic Plant Sprinkler System with Android Application**

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**ID 673 Perceived Effect of Academic Stress to the Performance of Students during Online Class**

Maria Angelica D. Bare, Francee Mae F. Castro, Jhon Lawrence G. Quimio, Ma. Janice J. Gumasing, School of Industrial Engineering and Engineering Management, Mapua University, Muralla St. Intramuros, Manila

**ID 674 University Analysis on Digital Construction Program: Implementation & Impact of Mbkm Internship in Construction & Infrastructure Industry at Narotama University**

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**ID 675 Project Based Learning Approach in Automotive Engineering: Learning Experience from Innovation Course at Cukurova University**

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**ID 676 Innovation and Green Policy Integration Forms the Sustainability**

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**ID 677 Optimization of Raw Materials Inventory by Implementing Time-Phased Order Point System (TPOP) to Reduce Inventory Cost in The Lubricant Industry**

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**ID 678 Bulk Cement Simulation to Determine the Capacity of Vessels Considering High and Low Season**

Oki Anita Candra Dewi and Af'idatin Nadlifah, Logistics Engineering, Universitas Internasional Semen Indonesia, Gresik, Indonesia

**ID 679 An Investigation of Sustainable Procurement Framework in the UAE Public Education Sector**

Mahmoud Al Alawi, University of Derby, United Arab Emirates

**ID 680 Evaluating the Benefits of Last-Mile Distribution with Light Electric Vehicles (LEV): A Case Study**

Sebastián Zazueta-Nassif, Roberto Galarza-Tamez and Vicente P. Montemayor-Villarreal, Industrial and Systems Engineering Universidad de Monterrey, San Pedro Garza García, Mexico

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**ID 692 Assessing the Empowerment Program at a South African University**

Sambil Charles Mukwakungu, Sandy Ndlovu, Junior Mabiza and Sihle Mankazana, Department of Quality and Operations Management

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**ID 693 The Management of Change and Organizational Culture within The Media Industry in South Africa**

Sambil Charles Mukwakungu, Portia Makamu and Junior Mabiza, Department of Quality and Operations Management, University of Johannesburg Johannesburg, South Africa

**ID 694 Benefits of Implementing Quality Management Systems in Exploration Drilling Operations – Global Perspectives**

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**ID 695 Agent Based Modeling for Sustainable Urban Farming Incorporating Renewable Solar Energy and Impact on Food Security**

Marwen Elkamel and Luis C. Rabelo, Industrial Engineering & Management Systems Department, University of Central Florida, Orlando, FL, USA

**ID 696 Establishment of the Fuel Economy Baseline for Heavy-Duty Vehicles in Mexico**

Samantha Villarreal-Cavazos, Mariana Luis-González, Miguel Camacho-Assad and Jenny Díaz, Industrial and Systems Engineering School

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**ID 697 Knowledge Management System Model for SMEs Community**

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**ID 698 Application of Machine Learning Techniques in Modelling Of Soaked and Unsoaked California Bearing Ratio**

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**ID 699 Estimation of Compaction Characteristics Using Machine Learning Techniques**

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**ID 700 Analysis of Factors That Affect E–Commerce Technology Adoption for Msmes in Indonesia**

Denisha Vanda Ersya Firsty, Muhammad Dachyar, Industrial Engineering, Faculty of Engineering, University of Indonesia, Depok, Indonesia

**ID 701 Halal Tourism for Developing Tourism Potential in Lake Toba of Indonesia**

Purbatua Manurung, Kamalia Kamalia, Shiyamu Manurung, Universitas Islam Negeri Sumatra Utara, Research and Development and Training Agency of the Ministry of Religious Affairs of Jakarta

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**ID 702 A Fuzzy Multicriteria Decision Making Approach for Lean Supplier Selection**

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**ID 703 Mobile Commerce Model with Cloud Technology to Support SMEs Sales Performance**

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**ID 704 Development of Chatbot Application to Support Academic Staff Works for Academic Student Services**

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**ID 705 Hybrid Learning Model for Elementary School in Pandemic**

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**ID 706 Accident Reduction and Productivity Improvement of Bangladesh Ready Made Garments Industry using Lean Tools**

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#### **ID 707 Quality Improvement of Corrugating Medium Paper Using Six Sigma in Paper Manufacturing Company**

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#### **ID 708 The Role of Emotional Exhaustion in Understanding the Relationship Between Hybrid Work Characteristics and Innovative Work Behavior in Hybrid Working Arrangement**

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#### **ID 709 Determination of Factors and Location of Wave Power Generating for Islands in Indonesia**

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#### **ID 710 Effects of Academic Workload to the Mental Fatigue of Students during Online Class**

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#### **ID 711 Customer Satisfaction as a Mediator (Intervening Variable) On the Effect of Product Quality and Service Quality on Customer Loyalty Sidjicoffee**

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#### **ID 712 The Influence of Price and Quality on Purchasing Decisions for Luxcrime Products**

Muthia Pramesty, Anita Silvianita, Mahendra Fakhri, Mahir Pradana, School of Communication and Business Telkom University

#### **ID 713 The Influence of Intrinsic Factors And Prices On Impulse Buying Between Consumers On The Shopee Platform**

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#### **ID 714 The Effect of Service Quality on Customer Satisfaction and Customer Loyalty OVO E-Wallet Users**

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#### **ID 715 Interactive CONstraint-based Configuration: Hybridization of filtering and compilation approaches**

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#### **ID 716 Smart Preventive Maintenance- A Review**

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#### **ID 717 The Mediating Effect of Financial Management on Financial Attitude and Financial Satisfaction of Indonesian Young Adults**

Farizka Shafa Nabila, Mahendra Fakhri, Mahir Pradana, School of Communication and Business Telkom University

#### **ID 718 How Scarcity and Perceived Value Affecting Impulse Buying Among Customer During Covid-19**

Hanifah Putri Elisa, Mahendra Fakhri, Mahir Pradana, School of Communication and Business Telkom University

#### **ID 726 A Study on the Assessment of VetConnect using SWOT Analysis and Six Thinking Hats**

Daniele De Guzman, Samuel Mirasol, King Perez, Grace Lorraine Intal, School of Information Technology, Mapua University Makati, Philippines

#### **ID 727 Utilizing a Multicriteria Decision Making (MCDM) Approach to Optimize the Demand Plan for Inventory Raw Materials Consumable in the Food Manufacturing Industry**

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#### **ID 728 Technology Acceptance Model for Resistance Implementation Mobile Learning in Higher education**

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#### **ID 729 E-learning Model for Blind Disabilities with Text to Speech using NLP**

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#### **ID 730 The influence of rooftop agriculture on urban food security in South Africa**

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Zaakirah Jeeva, Post–Doctoral Research Fellow, Unit of Environmental science and Management, North–West University, Potchefstroom, 2520.

#### **ID 731 The role of rooftop agriculture on urban food security: A case study on the Priority Zone Rooftop Garden**

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#### **ID 732 Converting an Under–the–hood Heavily Machined Aluminum Rear Retainer to Molded–composite for Ford Motor Company Sealing at LMC and strength MMC manufacturing tolerances**

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#### **ID 733 Improving Sustainability of Orange Supply Chain: A System Dynamics Model to Eliminating Pre–Harvesting Loss, Increase Workers, to Improve Farmer's Profit**

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#### **ID 734 The Adverse Impact of Virtual Learning on Upper Elementary Students' Intellectual Skills**

Takiyah Ali, Student of Michigan Islamic Academy

#### **ID 735 HOW IMPORTANT IS BUSINESS ETHICS IN CORPORATE STRATEGY**

Chairul Iksan Burhanuddin, Aulia, Alamsjah, Firmansyah, University of Muhammadiyah Makassar

#### **ID 736 STAB WOUND ON CHEST**

Agustinus Sitepu, Medicolegal Studies Forensic Department, Faculty of Medicine, University of North Sumatera

#### **ID 737 EFFECT OF REFLEXOLOGY ON BLOOD PRESSURE AMONG PATIENTS WITH HYPERTENSION IN THE WORK AREA OF KERTAJATI COMMUNITY HEALTH CENTER, MAJALENGKA DISTRICT IN 2021**

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#### **ID 738 STRATEGIES FOR DEVELOPING MEDICAL WASTE MANAGEMENT INTERVENTIONS IN VARIOUS COUNTRIES: SYSTEMATIC REVIEW**

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#### **ID 739 The Validity of Problem–Based Collaborative Learning Model Books to Improve Students' Creative Thinking and Metacognitive Ability**

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Fauziatul Fajaroh, Parlan and I Wayan Dasna, Universitas Negeri Malang INDONESIA

#### **ID 740 Supply Chain Network Model Development for Conversion Electric Motorcycle Distribution in Central Java using the Mixed Integer Linear Programming Method**

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#### **ID 742 INDONESIA-SINGAPORE COOPERATION WITH JEWELRY EXPORT COMMODITIES THROUGH THE ROLE OF THE ASEAN FREE TRADE AREA (AFTA) IN 2015-2018**

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#### **ID 743 THE ROLE OF ASEAN TO SOLVE THE THREAT OF TERRORISM IN THE SOUTHEAST ASIA REGION**

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#### **ID 744 Indonesian and ASEAN Role Creates Regionalism in Economic Sector**

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#### **ID 745 Political Competition Conflict Between The United States, Saudi and Iran in The Middle East Region In 2018**

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#### **ID 746 Challenges of Democracy in Southeast Asia Study Case: ASEAN Non-intervention Principles in Myanmar Conflict**

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#### **ID 747 MAKING GLOBAL MARITIME FULCRUM RELEVANT: EFFORTS TO INCREASE INDONESIAN TUNA EXPORT TO JAPAN**

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#### **ID 748 EFFECT OF PRODUCT RATING AND PRODUCT SOLD ON PURCHASE INTENTION, CONSUMER CONFIDENCE, AND PERCEIVED RISK IN ONLINE MARKETPLACE**

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#### **ID 749 Bilateral Cooperation Between Japan and Indonesia in Defense of Natuna's Marine Sovereign Rights**

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#### **ID 750 CEASEFIRE DEAL BETWEEN INDIA AND PAKISTAN OVER KASHMIR DISPUTE**

Farah Diba Hallatua and Hendra Maujana Saragih, International Relation Department, Faculty of Social and Political Science, Universitas Nasional, Jakarta, Indonesia

#### **ID 751 THE IMPACT TRANSFER OF POWER IN AFGANISTAN FROM PRESIDENT ASHRAF GHANI TO THE TALIBAN IN SOUTH ASIA REGIONAL SECURITY 2021**

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#### **ID 752 COUP AS A LOSS OF DEMOCRACY VALUE IN MYANMAR**

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#### **ID 753 GEO-CHEMICAL CHARACTERISATION OF EKITI STATE SOILS: IMPLICATION FOR ROAD WORKS**

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#### **ID 754 APPLICATION OF MACHINE LEARNING TECHNIQUES TO PREDICT SOME GEOTECHNICAL INDICES IN EKITI STATE, SOUTHWESTERN NIGERIA**

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#### **ID 755 Paper Helicopter Case Study**

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#### **ID 756 Implementing Deep Learning in E-Commerce Platforms for Fraud Detection and Management**

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#### **ID 757 Deep Learning in Traffic Flow Control and Prediction for Traffic Management**

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 Gian Andre F. Balan, Paolo P. Gaviño, Justin Angelo S. Monasterial,  
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#### **ID 758 Using Deep Learning in Sign Language Translation to Text**

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#### **ID 759 The Characteristics and Functions of Public Spaces in Gated Communities: Learning from Irene Farm Villages Estate Gated Community**

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 Walter Musakwa, Associate Professor, Department of Urban and Regional planning, University of Johannesburg, Johannesburg, South Africa

#### **ID 769 Cost Integrated Safety Management for Accident Risk Control in Cement Manufacturing Process**

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#### **ID 770 Critical Success Factors in Construction Related Projects in Oman**

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#### **ID 771 Focused Sampling Orientation: Strategy for Quality Assurance in Company XYZ**

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#### **ID 772 Website Design of West Corner Hotel to Improve Service Operations**

Milstein Rei Cadorniga, Ashly Mariel Cruz, Coleen Dela Cruz, Grace Lorraine Intal, School of Information Technology, Mapúa University, Makati Philippines

#### **ID 773 Exploring and Evaluating the Impact of COVID-19 on Mobility Changes in Singapore**

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#### **ID 774 Optimizing of Series systems with identical components and imperfect Repairs**

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#### **ID 775 Towards a Performance Optimization of Mobile Automated Fingerprint Identification System (MAFIS) for the Philippine National Police**

WILLIAM P. REY, Mapua University, Technological University of the Philippines

1. RONALDO A. JUANATAS, Technological University of the Philippines

#### **ID 777 A Structured Method for Requirements Analysis with Application to CFR-14 Part-21 Subpart-G**

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Mr. Seyed Ali Gamarooni Pour, MASc in Quality Systems Engineering  
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#### **ID 778 Operationalizing Entrepreneurs Start-up Behavior in the context of Economic Corridors: A Measurement Scale Development & Contextualization Process**

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Dr. Riaz Ahmed, Director Academics, Bahria University, Islamabad, Pakistan

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#### **ID 779 Business Process Re-engineering of KE and ES Marketing Sales and Distribution Process utilizing S4 Hana**

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**ID 780 Diagnosis of Teacher Assessment Literacy in National High School Equivalency Examination Non formal Education**

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**ID 781 Manifesting the Tough Teachers on The Implementation of ABCDSE Model Learning During the Covid 19 Pandemic Through The Partnership Program**

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**ID 782 Students' Perception of Online Discussion During the Covid-19 Pandemic**

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**ID 783 Acid-Base Indicator Paper Extracted from Rose (*Rosa damascena Mill*) and Asoka Flower (*Ixora occinea Linn*) Ethanol**

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**ID 784 Development of Augmented Reality Assisted Textbooks to Develop Patriotism Character for Students of Grade 4<sup>th</sup> in Elementary School**

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**ID 785 The Model and Management of *Surau* Based Education Expected by People of *Minangkabau* in Facing the Globalization Era**

Syafruddin Wahid, Solfema Solfema, Alim Harun Pamungkas, Wendi Ahmad Wahyudi, Nurul Hayati, Non-Formal Education Department Faculty of Education, Universitas Negeri Padang, Jl. Prof. Dr. Hamka, Air Tawar Barat, Padang Utara, Kota Padang, Sumatera Barat 25171, Indonesia

**ID 786 Quality Assurance Management Model for Improving Online Learning in Accounting Major**

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**ID 787 Link and Match Program between Course and Training Agency with Industry to Increase Working Opportunities for People with Disabilities**

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**ID 788 Improvement of Biodegradable Magnesium-based alloys properties by Ca-P based Bioceramics Biomimetic Deposition**

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Mohamed Retima, and Imene Ghezaili, National School of Mines and Metallurgy L3M-Annaba, Algeria

**ID 789 Indonesia's Readiness to Implement Agriculture Data Analytic - Based Smart Village**

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**ID 793 Cities 4.0 Research Trend**

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**ID 794 A Structured Method for Requirements Analysis with Application to CFR-14 Part-21 Subpart-G**

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**ID 795 A Structured Method for Requirements Analysis with Application to CFR-14 Part-21 Subpart-G**

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**ID 801 MODELING SIMULATION OF COCOA TRANSPORTATION IN BATANG, MIDDLE JAVA, INDONESIA**

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Thesia and lenneke Indra Dewi

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ID 863 Biomechanical harvesting electricity Environmental Engineering Jana Nour student Egypt

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**ID 868 Achieving SMES Business Performance Through an Integrated Information System Success Model and TOE Framework: Review Paper**

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**ID 877 Visualization of Green Business Research Around the World Over Two Decades: A Bibliometric Perspective**

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**ID 889 Analysis of The Biggest Obstacles to Inter-Ethnic and Religious Relations on Social Media**

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**ID 890 Factors That Caused The Obstruction Of Oil And Gas Cooperation Between Indonesia And Angola Period 2014 – 2018**

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**ID 891 Sustainability in Fashion Industry, Study case Thrifting in North Sumatera and its Challenges**

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**ID 892 Cambridge Analytica in Donald Trump Victory at the 2016 U.S. Presidential Election, How Cambridge Analytica run the Trump Campaign to win the 2016 Election**

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**ID 893 Business Hegemony Of The United States And China In Indonesia**

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**ID 894 Local Community Participation in Support of the Existence and Sustainability of Ecotourism Development Geopark Ciletuh–Palabuhanratu**

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Adilita Pramanti, Lecturer in Sociology, Faculty of Social and Political Sciences, Jakarta, Indonesia

**ID 895 An Analysis of Cultural Differences in Raising Children in “The Joy Luck Club” Using the Asian–American Culture Theory**

Patricia Amadea Hartono and Yani Susanti, English Department, Faculty of Humanities, Bina Nusantara University, Jakarta, Indonesia

**ID 896 Determinants Of Corporate Social Responsibility Disclosure In In Manufacturing Companies Listed On The Indonesia Stock Exchange In 2016 – 2019**

Arifatul Aini and Tita Djuitaningsih, Bakrie University – Jakarta – Indonesia

**ID 897 Comparative Analysis Return On Assets (ROA) And Economic Value Added (EVA) In Metal And Mineral Sub–Sector Companies In Indonesia Stock Exchange 2016–2020 Period**

Budi Rustandi Kartawinata, Aldi Akbar, Mahir Pradana, Faculty of Communication and Business, Telkom University, Indonesia

**ID 898 The Number of Social Media Followers Affects Stock Price of Banks In Indonesia**

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**ID 899 Implementation of Value Proposition Canvas for Cultural Entrepreneurship to Find the Opportunity in the New Normal Era**

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**ID 900 The Selection of Temperature Screening Methods for COVID–19 by Using the Fuzzy TOPSIS Technique**

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**ID 901 Cryptocurrency Exchange Application Acceptance with TAM Model in Indonesia**

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**ID 902 Factors Analysis and Prediction in Die–casting Process for Defects Reduction**

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**ID 903 A Comparative Study of the Barriers to Implementing Environmentally Sustainable Practices in the UAE Construction Industry**

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**ID 904 Measuring Sustainability Awareness in Early business Stage**

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**ID 905 Collaborative Governance in Provision of Public Street Lighting Facilities at Bandung City, Indonesia**

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**ID 906 Comparing Credibility, Attractiveness, and Brand Match-Up of Jakarta Museum Ambassadors and Museum Experience towards Visit Intention**

Jelita Permata, Farras Caesarmas Putri, Marsha Herryanna & Jerry S. Justianto, Creative Marketing Program, Management Department, BINUS Business School Master Program, Bina Nusantara University, Jakarta, Indonesia, 11480.

**ID 907 Effectiveness of Implementing E-Government Procurement in Sri Lanka**

Gihini Weerasinghe, Banusha Kanahera Arachchi, Madushan Jayaweera and Ishini Aryaratne, Udanee Samarasinghe, Navodika Karunaratna, Business School Sri Lanka Institute of Information Technology (SLIIT)

**ID 908 Energy Efficient Ceramic Sanitaryware Production Planning with a Hybrid Simulation Optimization Method**

Emre Dođru, Nilgun Fescioglu-Unver, Department of Industrial Engineering TOBB University of Economics and Technology Ankara, Turkey

**ID 909 Predicting Chronic Kidney Disease and diet recommendation using Machine Learning techniques**

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**ID 917 Global Navigation Satellite Systems Receivers**

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Muhammed Fatih Koc, Erasmus Mundus Joint Master Degrees Programme SMARTNET Electrical Engineering for Communication and Information Processing Institut Polytechnique de Paris Paris, France

**ID 918 A Review - Impact of Industry 4.0 in Supply Chain**

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Dr. M.B. Kiran, Associate Professor Department of Mechanical Engineering School of Technology, Pandit Deendayal Energy University Gujarat, India

**ID 919 A Study on Location Decision Problem of Mobile Vaccination Centers**

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**ID 921 Improvement on Geotechnical Failure at Erap Bridge Embankments**

Mr. Noel Martin, Department of Civil Engineering Papua New Guinea University of Technology.

Aezeden Mohamed, Department of Mechanical Engineering Papua New Guinea University of Technology.

**ID 922 Mitigate Corrosion through Effective Cathodic Protection of Steel Structures of Puma Energy in PNG**

Mr. Noel Martin, Department of Civil Engineering, PNG University of Technology.

Sunil Thamida, Department of Chemical Engineering, Indian Institute of Technology Tirupati, Andhra Pradesh, India.

Aezeden Mohamed, Department of Mechanical Engineering, PNG University of Technology, Papua New Guinea

**ID 923 Plan to improve the logistical management of drug distribution in the health sector using the lean manufacturing methodology in the department of Puno**

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**ID 924 Mutualistic Interaction Model of Start-up Communities and University Business Incubators: A Research Agenda**

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**ID 925 Multi-Criteria Supplier Selection Rapid Diagnostic Test Antigen (RDT-Ag) Test Kit Using AHP TOPSIS Methods (A Case Study in "X" Laboratory)**

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**ID 926 Perceived Risk as a Moderator in The Relationship Between Perception of Celebrity Endorsement and Purchase Intention Skincare Product in Indonesia**

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**ID 927 The Influence of IT Infrastructure Capability, IT Business Spanning Capability, and IT Proactive Stance on Organizational Performance, mediated by Organizational Agility**

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**ID 928 Analysis of Supply Chain Complexity Driver in Make-to-Stock Oil and Gas Supply Chain**

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**ID 929 Determining the Matchdays for the Turkish Super League using Non-Linear Binary Integer Programming**

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**ID 930 Optimizing of Series systems with identical components and imperfect Repairs**

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**ID 931 Customizing Manufacturing Technologies for Industry 4.0**

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**ID 932 Considerations Prior Adoption of Design Thinking for Project Management**

Gigih Suhartanto, and Tengku, Mohd. Khairal Abdullah, Business Management Program, Management Department Binus Business School Master Program, Bina Nusantara University, Jakarta, Indonesia.

**ID 933 Analysis on Ecommerce Platforms using Marketing Dashboards and Forecasting Techniques**

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Ericson D. Dimaunahan, Mapua University, Philippines

**ID 934 Project Management vs Product Management: A View on The Journey From Project to Product in Software Development**

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**ID 935 Impact of K to 12 Program to a University's College Freshman Intake**

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**ID 936 Capability-Based Facility Layout Design with Unequal-Area Departments**

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**ID 937 Sizing of Raw Materials in a Corrugated Cardboard Box Manufacturing Company via Simulated Annealing Incorporating Integer Linear Programming**

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**ID 938 Analysis of Supply Chain Complexity Drivers in Make-to-Stock and Make-to-Order Supply Chain using AHP-DEMATEL Approach**

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**ID 939 Implementation of Green Supply Chain Management Practices in South African Manufacturing Industry**

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**ID 940 Optimizing The Operation of Manufacturing: Case Study at Manufacturing Glass Company**

Mulaudzi, Khathutshelo Mushavhanamadi, Department of Quality and Operation Management University of Johannesburg, South Africa

**ID 941 The Impacts that the Cost of Quality has On South African's Defence Industry**

Ambani Ethen Mofamade, Khathutshelo Mushavhanamadi, Department of Quality and Operation Management University of Johannesburg, South Africa.

**ID 942 Effects of the Introduction of the Hyperloop on Existing Supply Chains**

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**ID 943 Analysis Of ISO 45001:2018 And Performance Management Implementation Toward Work Accidents And Performance Of Companies In Indonesia's Leading Steel Industry**

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**ID 946 Performance Improvement of a Restaurant, Through Optimization Applications**

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**ID 947 Credibility Determination Model for News Sources in Twitter**

S.R.R. Weerakoon, P.P.G.D. Asanka and J. Wijayanayake, Department of Industrial Management Faculty of Science University of Kelaniya Dalugama, Sri Lanka

**ID 948 Warehouse Layout Design: Drinking Water Factory**

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**ID 949 Sustainability in Municipal Solid Waste Management System using multi-objective optimization model**

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**ID 950 The influence of customer perceptions of Willingness to Pay on street food during the COVID-19 pandemic**

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**ID 951 Reorganization and Development of a Car Design Laboratory through QFD and SDE Models to Generate Innovative Projects**

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**ID 952 Hospital Selection Problem: An Integrated Analytic hierarchy process (AHP) and Fuzzy- TOPSIS Approach**

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**ID 953 ERP Software Selection Criteria: A Fuzzy Analytic Hierarchy Process (FAHP) Approach**

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**ID 954 Employee Scheduling Problem for A Retail Store with Multiple Product Categories and Heterogeneous Employees**

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**ID 955 Occupational Stress in Oil Sector in Kuwait**

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**ID 956 An Innovative Approach to Incorporate Entrepreneurship into IE Graduation Projects**

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**ID 964 Improved NRTL interaction parameters for Vapor liquid Equilibrium using Genetic Algorithm**

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**ID 965 Drilling Rig Planning and Scheduling**

Ahmed Mohamed Al-Mazroey, Husam Hamdan Al-Nasseri, Mazin Matar Al-Rubkhi, B.Eng, Sultan Qaboos University, 2021

**ID 966 Mental Workload Measurement of ICU Nurses by Using NASA-TLX Method**

Abrar Alshemali, Eiman Alikhan, Fatemah Alenezi, Saja Abdulsalam, Wuroud Alhajri, and Suat Kasap, College of Engineering and Technology, Industrial Engineering Department American University of the Middle East, Eqaila, , Kuwait

**ID 967 Machine Learning Based Model for Predicting Student Outcomes**

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**ID 969 Reliability Analysis of Sensorized Stamping Presses by Generalized Fault Trees**

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**ID 970 Project Management Methodologies Success Factors Evaluation Employing Intuitionistic Fuzzy Cognitive Map Method**

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**ID 971 Industrial approach in vibration analysis of mechanical elements**

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**ID 972 Analysis of governance principles in the legislative frameworks for Low-income housing development in South Africa**

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**ID 973 PDCA Protocol to ensure a Data-Driven Approach for Problem-Solving**

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**ID 975 Social Innovation to Promote Financial Inclusion in the Microfinance Sector in Mexico**

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Ingrid Yadibel Cuevas-Zuñiga, Marco Antonio García-Sánchez, Business School (ESCA-STO) National Polytechnic Institute of Mexico (IPN) Mexico City, Mexico

**ID 977 Identification of Ergonomic Risk Factors and Postural Analysis in Electrical Transformer Manufacturing Industry in Karnataka**

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**ID 978 Adding Relations with Long Communication Lengths between the Top and K Members of the Same Level in a Pyramid Organization Structure of a Complete K-ary Tree**

Kiyoshi Sawada, Department of Economic Information University of Marketing and Distribution Sciences Kobe, Japan

**ID 982 How do African cities benefit from using smart technologies? Perspectives from Local Government Practitioners**

Tlou Phillemon Mathane ,Masters Student, University of Johannesburg, South Africa

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**ID 983 MOST RECENT ISSUES, CHALLENGES AND OPPORTUNITIES IN TECHNICAL, VOCATIONAL EDUCATION AND TRAINING OPERATIONS MANAGEMENT: A SYSTEMATIC REVIEW**

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**ID 984 Stakeholder involvement and Institutionalisation of smart cities applications: A Case study in the City of Tshwane**

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**ID 990 Mourning ceremony in the context of Information Technology**

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Hossein Ali Taghi Tehrani, PH.D of Futurology Researcher of Middle East Strategic Studies Research Institute Tehran, IRAN

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**ID 992 Cost of Quality: Literature Review Based on Meta-Analysis**

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**ID 993 Enhancing Toughness of Fiber Reinforced Plastic Composites using Nano-Materials**

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**ID 994 Design, Simulation, and Fabrication of Steering Controlled Headlight Mechanism**

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Mohamed Elshabasy Assistant professor, at Jubail University College Department of Mechanical Engineering. Jubail, Saudi Arabia

**ID 995 Design, Fabrication and Analysis of Chassis for Electric Bike**

Fahim Foysal Arnob, Rabbir Raihan, Md. Nazirul Ahsan Eshad, Md Shahnewaz Khan, Humayun Kabir Bhuiyan Department of Mechanical Engineering Military Institute of Science and Technology Dhaka, Bangladesh

**ID 997 A Study of the Watershed Management (Maintained and Restored) in Krueng Peusangan, Aceh Province, Indonesia**

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**ID 998 Analyzing the Effect of Products and Human Resources Towards Customer Loyalty at Bank Aceh Syariah, Bireuen, Indonesia**

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**ID 999 Optimising and Digitalising the Technology-Based Electronic Justice in the 4.0 Era: A Judicial Reform**

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**ID 1000 A Study of Community Empowerment Strategy for Vulnerable Groups in Eradicating Poverty at Aceh Province, Indonesia**

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**ID 1001 An Investigation of Biodiversity and Genetic Resources: The Importance of Legal Protection in Indonesia**

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**ID 1002 Determining and Evaluating the Pyrolysis of Candlenut Shell as an Alternative Energy Sources**

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**ID 1003 Chitosan-Alginat-Aloe Vera Biomembran for Wound Dressing Applications**

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**ID 1004 Identifying the Effectiveness of Business Incubator Training among UPN Veteran Jakarta Undergraduate Students: An Application of Randomized Controlled Trial Approach**

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**ID 1005 Investigating the Authority of the Prosecutor as An Alternative for Criminal Case Handling in the Indonesian Justice System**

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**ID 1006 Investigating the Commercial Innovative Marketing in the Digital Era 4.0: A Comparative Study**

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**ID 1007 Linking Sustainability, Resilience and Liveability with Smart City Development: Modeling Interconnections Using Systems Approach**

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Najeeba Kutty, Architectural Engineering Department College of Engineering, United Arab Emirates University Al-Ain, United Arab Emirates

Nuri C. Onat, Qatar Transportation and Traffic Safety Centre College of Engineering, Qatar University Doha, Qatar

**ID 1009 Automatic Agile Transformation With Approach by Modeling from BPMN Collaboration Diagram Model to UML Use Case**

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**ID 1010 Fashion as a Creative Industry & its Linkage to Sustainability: The Johannesburg Fashion District**

By Dineo Queen Phuti Mpati & Simbarashe Donald Zvinoera

**ID 1011 The Impact of User Experience on social media to communicate in relation to the other ethnic: A Field Experiment UiTM Student**

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**ID 1013 HR Digitalization as a Critical HR practice to Navigate through Covid-19 for the Improvement of the Employee Job Performance: Review Paper**

Ahmed Saleh Ahmed Saif Al-Shameri, PhD Student Faculty of Technology Management and Business Universiti Tun Hussein Onn Malaysia Johor, Malaysia

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**ID 1014 PATTERN – Pathfinding Algorithms To Tackle Effective Route Navigation**

Tan Beng Yang, Goh Zi Yu, Ng Qi Heng and Chow Ban Hoe, River Valley High School Singapore 649961

**ID 1015 Measuring Food Quality and Safety for Food Security Related Assessments: A Microscopic Review**

Suhila Zaffer, Muna Al-Obadi, Rania M. Ibrahim, Khalifa N. Al-Khalifa, Mechanical and Industrial Engineering Department College of Engineering, Qatar University Doha, Qatar

**ID 1016 Novel Algorithm for Tracking Lost or Stolen Vehicle**

Ali AlArjani, Department of Industrial Engineering, College of Engineering Prince Sattam Bin Abdulaziz University AlKharj 16273, Saudi Arabia

**ID 1017 Risk Analysis of Methanol Transfer Process by Hazard and Operability Study (HAZOP) Method in Biodiesel Plant**

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**ID 1019 THE EFFECT OF OPTIMIZERS ON SIAMESE NEURAL NETWORK PERFORMANCE**

Farah F. Alkhalid, Control and Systems Engineering, University of Technology– Iraq, Baghdad, Iraq

ID 1020 Climate Smart Farming – Deployment of Digital Twin Concepts in Agricultural Seed Value Chain Sustainable in SCM / Green Supply Chain  
Raja Vadlamani SeedWorks International pvt Ltd India

**ID 1021 Sustainable Food Systems: Recent Advances, Assessment Techniques, and Methodological Compositions**

Doa'a M. F. Salameh, Galal M. Abdella, Murat Kucukvar, Mechanical and Industrial Engineering Department, College of Engineering, Qatar University, Doha, Qatar

ID 1022 AN ANALYSIS EFFICIENCY OF LONG-TERM SCHEDULING IN THE PRODUCTION PROCESS OF MANUFACTURING COMPANIES: A SYSTEMATIC LITERATURE REVIEW  
Undergraduate Research Competition Haryadi Sarjono Bina Nusantara University Indonesia

**ID 1030 The review on various strategies adopted for implementing and sustaining 5s in a manufacturing industries**

Mr. Manank Patel and Dr. MB. Kiran, Department of mechanical engineering, Pandit Deendayal Energy University, Gandhinagar, Gujarat, India.

**ID 1031 Occupational Safety and Health Risk Analysis on Skycrapers Construction Projects in the Jakarta**

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ID 1032 Reducing customers wait time for repairs in the service department at C–Auto in Puerto Rico

ID 1033 Quality Control and House of Quality Analysis Process of the Product of the Petroleum Pump in Pt. XYZ

**ID 1034 Identify the Key Success Factors and Enabling Strategies for Successful Blockchain Implementation in Supply Chain**

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**ID 1035 Impact on Employee Engagement due to Covid-19 in India**

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ID 1036 Surface Engineering via Microstructure Transformation in Machining of Aluminum

**ID 1037 Explore the impact on Sustainability by Space Companies**

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**ID 1039 Business Responsibility and Sustainability Reporting (BRSR) – An Exploratory Study**

Bhawana Menghnani, Research Associate, Bengaluru, India

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ID 1040 Analysis of governance principles in the legislative frameworks for Low-income housing development in South Africa

**ID 1041 Lean Management: Reducing Complexity towards Improving Process Flow Using Arena Simulation in IR4.0**

Ahmad Nur Aizat Ahmad, Md Fauzi Ahmad, Norhadilah Abdul Hamid, Nor Aziati Abdul

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**ID 1042 Cryptocurrency Exchange Application Acceptance with TAM Model in Indonesia**

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**ID 1043 Reflective Learning Practice in Leadership Development Program**

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**ID 1044 Sentiment Analysis of CSR and Sustainability of Indian Companies using Twitter**

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**ID 1046 Reflective Learning Practice in Leadership Development Program**

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**ID 1052 Analyzing Online and Conventional Transportation Policy : The Case of South Tangerang City of Indonesia**

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**ID 1053 Analysis of FMEA to Determine Failure Mode Priority on the TS Analyzer Machine**

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**ID 1054 Analysis of Student Communication Skills in STEM Learning Using Engineering Design Process**

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**ID 1055 Learning Application Design Using Predict Observe Explain (POE) Model for Computer Practicum in the COVID-19 Pandemic Period in Higher Education**

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**ID 1056 Design and Implementation Smart Information Service Customer Touching Application to Support Customer Relationship Management**

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**ID 1057 "I chose vocational teacher education because". Exploring the factors influencing the choice of education amongst vocational pre-teacher students in Indonesia**

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**ID 1058 Improved Haar-Like Feature on Tomato Fruit Maturity Classification with K-Nearest Neighbor**

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**ID 1059 Exploring The Impact of Design Thinking on the Development of Computational Thinking Skill: Review of the Literature**

Maryam Fadhillah Naylufarhani Hardjanto, Cucuk Budiyanto, and Yusfia Hafid Aristyagama, Department of Informatics Education, Sebelas Maret University, , Surakarta, Indonesia

**ID 1060 The Enticing Knowledge of Computational Thinking Development: Lessons Learnt from Recent Educational Literature**

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**ID 1061 Digital Transformation Readiness in Higher Education Institutions in Indonesia: A Systematic Literature Review**

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**ID 1062 Research on Multi-closed-loop Mode Teaching Reform for Postgraduate Courses of Automation Major Under the Background of Emerging Engineering Construction**

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**ID 1063 A Systematic Review of IoT Platforms in Educational Processes**

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**ID 1064 The Implementation of GIS as a means for Study Source of Community of Practice**

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**ID 1065 Integration of STEAM Method with Constructivism Approach in Graphic Design Subject for Information Technology Vocational High School: A Systematic Reviews**

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**ID 1066 Interdisciplinary Research on Microelectronics Undergraduate Education**

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**ID 1067 Arduino Controlled Hospital Sanitization Robot Vehicle**

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**ID 1068 Using Augmented Reality to Learn English for Children**

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**ID 1069 Addressing Computational Thinking Needs' of Visually Impaired Children**

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**ID 1070 Evaluation of Mobile-based Learning Media Application for Python Programming Learning**

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**ID 1071 System Detection Ripeness of Fresh Fruits Bunch Palm Oil with YOLOv4**

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**ID 1072 Developing Self-Assessment Research Competency Instruments for Prospective Building Engineering Teachers**

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**ID 1073 Local Adaptive Curriculum Model (LACM) as An Alternative to Address Competency Gap Between Vocational School Graduates and Industry**

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**ID 1074 The Influence of Replacement of Fine Aggregates with Slag Waste on Content Weight and Compressive Strength in Paving Block**

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**ID 1090 The Analysis of Factors Affecting Economic Growth in Indonesia During 2014 - 2018**

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**ID 1092 Indonesian Lobster Seed Trade Policy To Vietnam in 2014-2019**

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**ID 1093 The Relevances of Poda Na Lima as a Solution to the Covid19 Problems**

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**ID 1097 Relations between Indonesia and China : Vaccine Diplomacy in the Era of the Covid-19 Pandemic**

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**ID 1099 Parliamentary Threshold in Multi-Party System in Indonesia**

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**ID 1100 Ambiguity of Government Statement on Covid-19 Issue**

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**ID 1103 The Impact of Uneven Distribution of Vaccines by the World Health Organization (WHO) In South Africa**

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**ID 1118 Optimizing the Liver/Kidney Organ Donation Waiting List  
in Antalya Using Maxsat and Graph Model**

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