



IEOM Society International

IEOM Fellows

- Dr. Robert de Souza, Executive Director and CEO, The Logistics Institute – Asia Pacific & Senior Fellow, National University of Singapore
- Dr. Ali Elkamel, Professor of Process Systems Engineering, University of Waterloo, Waterloo, Ontario, Canada
- Prof. Abdul Hakim Halim, Professor, Industrial Engineering Department, Institut Teknologi Bandung (ITB), Bandung, Indonesia
- Prof. Dr. Ir. Wahyudi Sutopo, Professor, Department of Industrial Engineering, Engineering Faculty, Surakarta, Indonesia
- Prof. Dr. Ir. T. Yuri M. Zagloel, Professor, Dept. of Industrial Engineering, Engineering Faculty, Universitas Indonesia, Depok, Indonesia

Distinguished Excellency in Academia Award

- Professor Cheong Hee Kiat, President, Singapore University of Social Sciences

IEOM Distinguished Leadership Award

- Mr. Ong Kim Pong, Regional CEO of Southeast Asia, PSA International, and CEO of PSA Singapore

IEOM Distinguished Educator Award

- Dr. Chung Piaw TEO, Provost's Chair Professor, Executive Director, Institute of Operations Research and Analytics (IORA), NUS Business School, National University of Singapore
- Dr. Ruth Banomyong, Professor and Dean, Thammasat Business School, Thammasat University, Thailand
- Dr. Rex Aurelius C. Robielos, Professor and Dean, School of Industrial Engineering and Engineering Management, Mapua University, Intramuros, Manila, Philippines
- Dr. Lu ZHEN, Dean and Professor, School of Management, Shanghai University, Shanghai, China

IEOM Distinguished Industry Award

- Alex Teo, Vice President & Managing Director – South East Asia, Siemens Digital Industries Software, Singapore
- Dr. Victoria Jordan, Vice President – Quality, Emory Healthcare, Atlanta, Georgia, USA
- Dr. Jenson Goh, Chief Information and Learning Officer, Monde Nissin Singapore Pte Ltd., Singapore
- Dr. Koh Niak Wu, CEO and CTO, Cosmiqo International, Singapore

IEOM Distinguished Professor Award

- Dr. Nagasawa Shin'ya, Professor, Graduate School of Business and Finance, Waseda University, Tokyo, 1698050, Japan
- Dr. Tae-Eog Lee, Professor, Department of Industrial & Systems Engineering, Korea Advance Institute of Science and Technology- KAIST, South Korea

IEOM Outstanding Professor Award

- Dr. Rajesh Piplani, Associate Professor, School of Mechanical & Aerospace Engineering, Director of M.Sc. in Supply Chain & Logistics, Nanyang Technological University, Singapore
- Dr. Hoong Chuin LAU, Professor of Information Systems and Director of the Fujitsu-SMU Urban Computing and Engineering Corporate Lab, Singapore Management University (SMU), Singapore
- Dr. Mi Sandar Mon, Professor and Head of Mechanical Engineering Department, Yangon Technological University, Yangon, Myanmar
- Dr. Nguyễn Văn Hợp, Dean, School of Industrial engineering and management, International University - Vietnam National University of HCMC, Ho Chi Minh City, Vietnam

Outstanding Achievement Award

- Professor Melvyn Sim, Provost's Chair Professor and Head of Department of Analytics & Operations, NUS Business School
- Hemlal Bhattarai, Dean, Research and Industrial Linkages (DRIL), Royal University of Bhutan, Jigme Namgyel Engineering College, Dewathang, Samdrup Jongkhar, Bhutan

Outstanding Young Faculty Award

- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), School of Information Systems, Singapore Management University, Singapore
- Associate Professor Joel GOH, Associate Professor, Department of Analytics and Operations, NUS Business School and Associate Director, NUS Global Asia Institute, NUS
- Dr. Kinnalesh Vongchanh, Lecturer/Researcher, Department of Industrial & Mechanical Engineering, Institute of Technology of Cambodia, (ITC), Phnom Penh, Cambodia

IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

IEOM Outstanding Researcher Award

- Professor Loo Hay LEE, Director of the Centre for Next Generation Logistics (C4NGL) and Director of the Centre for Maritime Studies and Professor in Department of Industrial Systems Engineering & Management, National University of Singapore
- Professor Ek Peng CHEW, Director of the Centre of Excellence in Modeling and Simulation for Next Generation Ports (C4NGP) and Professor in Department of Industrial Systems Engineering & Management, National University of Singapore
- Dr. Vincent F. Yu, Professor, Dept. of Industrial Management, National Taiwan University of Science and Technology, Taipei, Taiwan

IEOM Diversity and Inclusion Award

- Hajj Flemings, CEO/Founder, Rebrand Cities, Birmingham, Michigan, United States

Distinguished Woman in Industry and Academia (WIIA) Award

- Ms. Sim Bee Hia, CEO, Food from the Heart, Singapore
- Dr. NG Szu Hui, Associate Professor and Acting Head, Department of Industrial Systems Engineering and Management, National University of Singapore
- Dr. Bertha Maya Sopha, Associate Professor and Former Director of Industrial Engineering, Universitas Gadjah Mada, Indonesia and Chair of Indonesian Association of Industrial Engineering Higher Education Institution (BKSTI)

IEOM Outstanding Faculty Advisor and Mentor Award

- Dr. S. Viswanathan, Professor of Operations Management, Associate Dean (Research), Nanyang Business School, Nanyang Technological University, Singapore

Teaching Excellence Award

- Associate Professor Poh Kim Leng, Department of Industrial Systems Engineering and Management, National University of Singapore
- Dr. Daniel Tuladhar, Associate Professor and Head, Department of Mechanical Engineering, Kathmandu University, Nepal
- Dr. Qutubuddin S.M., Associate Professor Industrial & Production Engineering Department P.D.A. College of Engineering Gulbarga, Karnataka, India

Operations Management Teaching Excellence Award

- Dr. Le Thi Huynh Anh, Faculty of Project Management, The University of Danang, University of Science and Technology, Vietnam
- Dr. Moe Moe Myint, Associate Professor, Department of Information Technology, Technological University (Mandalay), Myanmar

IEOM Distinguished Service Award

- Assoc. Prof. Tan Yan Weng, Head of Programme, Logistics and Supply Chain Management, School of Business, Singapore University of Social Sciences, Singapore

IEOM Outstanding Service Award

- Dr. Sugoutam Ghosh, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Tay Huay Ling, School of Business, Singapore University of Social Sciences, Singapore
- Dr. Aldy Gunawan, Assistant Professor of Information Systems (Practice), Singapore Management University, Singapore
- Dr. Tan Kok Choon, Associate Professor (Practice) & Deputy Head, Dept. of Analytics & Operations, National University of Singapore

Outstanding Conference Contributor Award

- Professor M Chairul Basrun Umanailo, Head, Centre for Planning and Community Development Studies (PSP2M), Universitas Iqra Buru, Indonesia
- Dr. Jumadil Saputra, Senior Lecturer, Faculty of Business, Economics and Social Development, Universiti Malaysia Terengganu, Kuala Nerus, Terengganu, Malaysia
- Ma. Janice J. Gumasing, School of Industrial Engineering and Engineering Management, Mapua University, Manila, Philippines

IEOM Industry 4.0 Award

- Associate Professor GOH Puay Guan, Academic Director (MSc Industry 4.0), National University of Singapore

Innovation and Entrepreneurship Award

- Dr. Murphy Choy, Director of Operations and Technology, SSON Analytics, Singapore
- David Chain, Director, Advent2 Solutions, Singapore

IEOM Industry Solutions Award

- Mr. Mark Tan, Assistant Director, Lean Transformation and Innovation Center (LTIC), Singapore Institute of Technology, Singapore
- Hirishegan Karuneswaran, Business Analyst, PickMe, Sri Lanka

Innovative curriculum award

- Dr. Jafri Mohd Rohani, Head of the Industrial Engineering Programme, Department of Materials, Industrial and Manufacturing Engineering, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, Skudai, Johor, Malaysia
- Dr. Kotomichi Matsuno, Department of Business Design and Management, Graduate School of Creative Science and Engineering, Waseda University, 3-4-1 Okubo, Shinjuku-ku, Tokyo, Japan

IEOM Global Engineering Education Award

- Dr. Assoc. Prof. Dr. Korakanh PASOMSOUK, Associate Professor, Head of Department Mechanical Engineering and Industrial Engineering, Faculty of Engineering, National University of Laos, Sokpaluang Campus, Laos
- Dr. Tiia Rütümann, Associate Professor Engineering Pedagogy/Higher Education Pedagogy, Head of Estonian Centre for Engineering Pedagogy, School of Engineering, Tallinn University of Technology TalTech, Tallinn, Estonia

IEOM Rising Star Award

- Dr. Lakshman Singh, Sr. Manager (Projects), Hindustan Aeronautics Limited, Avionics Division-Korwa, Amethi-227412, UP, India

IEOM Outstanding Student Award

- Leow Li Jie Darren, Year 3, BSc Supply Chain Management with Minor (full-time)
- Wong Sweet Ling Adeline, Graduate, BSc Logistics and Supply Chain Management (part-time)
- Roshna Ahmed Shipa, Ph.D. Student in Technology Management, UTHM, Malaysia

High School STEM Competition Award

Applied Projects

1st Place

ID 1151 The Plausibility Of Recycling Used Tennis Strings As 3D Printing Filament

Anoushka Ghosh, International Baccalaureate Year 1, United World College South East Asia (Dover), Singapore, 139654, Singapore

2nd Place

ID 1202 Croptimize: A Novel Robot to End Agricultural Yield Inefficiencies through Crop Switching

Pranav Palleti, Shivam Pathak, Ashok Devireddy, Pranav Prabhuram, Sameer Iyengar, Sukhamrit Singh, and Ankit Kapoor, Evergreen Makers, Evergreen Valley High School, San Jose, CA 95148, USA

3rd Place

ID 1201 Using Machine Learning Optimization to Predict Autism in Toddlers

Z. Farooqui, B. Sattler, U. Usua, M. Helde, and A. Singh, ARQuest Student Science and Engineering Research Network, ARQuest International, USA

ID 1141 Park Model using Concentrated-Solar-Power Photovoltaics

Darren Johannes Manua and Eden Steven, SPH Applied Science Academy, Sekolah Pelita Harapan Lippo Village, Tangerang, Banten, Indonesia

Overall

1st Place

ID 807 Analyzing ACL Injury Risk Using 3D-Motion Sensors and Various Statistical Methods

Mason Chen, Stanford OHS, Academy Hall Floor 2 8853 415 Broadway, Redwood City, CA 94063, USA

2nd Place

ID 973 2020 US COVID Stock ROI Multivariate Statistical Modeling during COVID-19 Outbreak

Chi-hong Ho, Junior, Henry M. Gunn High School, Palo Alto, CA, USA

Mason Chen, Sophomore, Stanford University OHS, Redwood City, CA, USA

ID 1128 Analyzing the Open Electricity Market in Singapore using Data Science Approaches

Natasha Alexandra Gunawan and Wong Yew Chong Kester, National Junior College, 37 Hillcrest Rd, Singapore

ID 765 Three-Level Closed-Loop Supply Chain Optimization Considering Self-Healing Packages

Diorelle Oneil C. Gallarza (Senior High School student), Ardivin Kester S. Ongb, Luis Carlos Miguel M. Eborab, Jake Matthew C. Depositarb, and Juan Limson C. Andradab, Young Innovators Research Center, Mapúa University, Manila, Philippines, Intramuros, Manila, Philippines

3rd Place

ID 1145 Biaxial Tensile Test System: Articular Cartilage Properties in Biaxial vs. Uniaxial Tension

Aadi Biswas, 10th Grade, Singapore American School (High), Singapore, 738547, Singapore

Van W. Wong, Albert C. Chen, and Robert L. Sah, Department of Bioengineering, University of California, San Diego, La Jolla, California, USA

ID 1080 Modeling and Analyzing COVID-19 Infection Curves of Different Countries Using Nonparametric Density Regression and Clustering Techniques

Saloni Patel and Mason Chen, Stanford Online High School, Redwood City, CA 94063, USA

ID 1144 COVID-19 Vaccine Track and Traceability System

Warattra Singkarin, Kwinyarut Pounsangthanakul, Kunyapak Teekakun and Pramote Namyang, Satriwithaya School, Bangkok, Thailand

Undergraduate Student Paper Competition Award Sponsored by SIEMENS

1st Place

ID 256 Smart School Routing Problem for the New Normality

Carlos M. Leal-Garza and Carlos Gómez-Acosta, Industrial and Systems Engineering Program, University of Monterrey, San Pedro Garza Sada, N.L. México

Jenny Díaz-Ramírez, Engineering Department, University of Monterrey, San Pedro Garza Sada, N.L. México

2nd Place

ID 1168 Lean Purchasing of MRO Supplies in a Philippine Coal-Fired Power Plant: A Portfolio Thinking Approach

Marvin I. Noroña, Master in Business Administration, Bachelor of Science in Industrial Engineering, University of the Philippines, Philippines

Sarah Jane D. Taleon, Master of Engineering – Industrial Engineering, MAPUA University, Philippines

3rd Place

ID 1301 Association Rule Mining for Driving Behaviors and Road Traffic Accidents in Kuwait

Atheer AlMutairi, Dana AlKandari, Loulwah Shummais, Reem AlAjmi, and Takeaki Toma, Department of Industrial Engineering, American University of the Middle East, P.O.Box: 220 Dasman, 15453 Kuwait

IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

4th Place

ID 489 Layout of Raw Material Warehouse in PT. Boga Dimsum Indonesia Using Class-Based Storage Method and Promodel Simulation
Evelyn Adisurya, Lina Gozali, Frans Jusuf Daywin, and Carla Olyvia Doaly, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta, 11140, Indonesia

5th Place

ID 555 Supply Chain Risk Management Strategies in the Face of COVID-19
Jia Yi Woong and Shao Hung Goh, School of Business, Singapore University of Social Sciences, Singapore

Graduate Student Paper Competition Award sponsored by EATON Corporation

1st Place

ID 1130 Impact of Cultural Behavior on the Bullwhip Effect in the COVID-19 Pandemic
Thais de Castro Moraes, Department of Industrial Systems Engineering and Management, National University of Singapore, Singapore
Xue-Ming Yuan, Singapore Institute of Manufacturing Technology, Agency for Science, Technology and Research - A*STAR, Singapore

ID 265 Application of Multiple Criteria Decision-making Methods in the Human Resource Recruitment Process
Maela Madel L. Cahigas, Master of Science in Industrial Engineering, Mapúa University, Manila, Philippines
Rex Aurelius Robielos, School of Industrial Engineering and Engineering Management, Mapúa University, Manila, Philippines

2nd Place

ID 382 Value Drivers in Product-Service Systems: An Empirical Study of Two Sharing Business Models
Suzana Regina Moro, Post-graduate Program in Production Engineering, Federal University of Santa Catarina, Florianópolis, SC, Brazil
Paulo Augusto Cauchick-Miguel, Department of Production and System Engineering, Post-graduate Program in Production Engineering, Federal University of Santa Catarina, Florianópolis, SC, Brazil

ID 139 Outsourcing Life Cycle Model for Financial Services in the FinTech Era
Tristan Lim, School of Business Management, Nanyang Polytechnic, Singapore
Patrick Thng, School of Information Systems, Singapore Management University, Singapore

3rd Place

ID 1136 Application of TPU – Sourced 3D Printed FDM Organs for Improving the Realism in Surgical Planning and Training
Patrich Ferretti, Christian Leon-Cardenas, Merve Sali, Gian Maria Santi, Leonardo Frizziero, Giampiero Donnici, and Alfredo Liverani, Department of Industrial Engineering, Alma Mater Studiorum University of Bologna, Viale Risorgimento, 2 – 40136, Bologna, Italy

Senior Design Project Competition Award Sponsored by Tooling Tech Group

1st Place

ID 129 Improving Waste Collection & Transportation System at Tadweer
Khadija Alhmoudi, Shamma Al-Ali, Roudha Alattar, and Khalid Alhosani, Department of Industrial and Systems Engineering, Khalifa University, Abu, Dhabi, UAE

2nd Place

ID 1190 Determination Passenger Satisfaction of a Kuwait Airline Company by Using Multivariate Data Analysis Models
Ayat Dashti, Danah AlAhmad, Eman AlShammeri, Rawan AlAjlan, Zainab AlAmeer, and Recep Kizilaslan, College of Engineering and Technology, American University of Middle East (AUM), Kuwait

3rd Place

ID 1156 The Healthcare-Planning Problem with Treatment Team (Physician/Nurse) Consistency
Nasser Khalfan Al-Wahaibi, Abdulaziz Khalfan Al-Mamari, Qabas Salah Al-Rawas and Nasr Al Hinai, Sultan Qaboos University, Oman

Doctoral Dissertation Competition Award

1st Place

ID 1184 Shared Capacity Routing Problem for Buy-Online-Pickup-in-Store Order Fulfillment
Rajendra Baraiya and Rohit Kapoor, Operations Management & Quantitative Techniques Department, Indian Institute of Management, Indore, India
Prabandh-Shikhar, Rau-Pithampur Road, Indore, Madhya Pradesh, India

2nd Place

ID 1157 Impact of Multiple Marketplaces in Agricultural Supply Chain
Dewang Pagare, Operations Management Area, Indian Institute of Management Lucknow, Lucknow, UP - 226013, India
Indranil Biswas, Information Systems, Supply Chain & Decision Making area, Neoma Business School, Rouen, France
Amit Agrahari, Information Technology & Systems Area, Indian Institute of Management Lucknow, Lucknow, UP - 226013, India
Sriparna Ghosh, Economics area, University of Cincinnati, Ohio, Ohio 45221, USA

3rd Place

ID 539 Using Latin Hypercube Hammersley Sampling Method for Algorithm Parameter Tuning: A Case for Differential Ant-Stigmergy Algorithm
Yasemin Eryoldaş and Alptekin Durmuşoğlu, Department of Industrial Engineering, Gaziantep University, Turkey

Master Thesis Competition Award

1st Place

ID 375 Ferromagnetic climbing robot for industrial flaw detection: An implementation of computer vision
Peter Oyekola, Department of Mechanical Engineering, Papua New Guinea University of Technology, Papua New Guinea

2nd Place

ID 255 Analysis of the Conditions for Quality in Cold Transport Services

Alejandro Lerma Carrillo and Jenny Díaz Ramírez, Engineering Department, University of Monterrey, San Pedro Garza García, N.L., México
Teresa Gajewska, Cracow University of Technology, Division of Logistics System, Krakow, Poland

ID 1226 The Effect of Job Training on Employee Performance with Employee Status as a Moderating Variable

Agung Setyabudi, Forester & Masters Students of Management, Postgraduate Program's, Universitas Bina Darma, Palembang, Indonesia.
Muji Gunarto, Management Department of Economics and Business Faculty, Universitas Bina Darma, Palembang, Indonesia
Anis Marjukah, Management Department of Economics Faculty, Widya Darma University, Klaten, Indonesia

3rd Place

ID 1117 Hazard Risk Potential Analysis Using the Fuzzy Bow-Tie Method in LPG Tube Filling Factory

M. Fadli Perdana, Bambang Syairudin and Retno Widyaningrum, Departemen Teknologi Industri, Institut Teknologi Sepuluh Nopember, Indonesia

ID 1150 Sustainable Supply Chain Management Practices In Malaysian Non-Manufacturing Sectors

Hak Kenn Wong and Mehran Doulatbadi, MBA Center, Xiamen University Malaysia, 43900 Sepang, Selangor, Malaysia

Undergraduate Research Competition Award

1st Place

ID 487 Improving the Capacity of Espresso Machine Using Reverse Engineering Method and VDI 2221 Method

Claudia Jessica Atmadja, Frans Jusuf Daywin, Lina Gozali, and Carla Olyvia Doaly, Industrial Engineering Department, Tarumanagara University, Jakarta, Indonesia
Agustinus Purna Irawan, Mechanical Engineering Department, Tarumanagara University, Jakarta, Indonesia

2nd Place

ID 512 Design of Working Shelf And Design of Layouts on the Working Table with Ergonomic Analysis in Haiso Coffee

Fernando Valentino, Frans Jusuf Daywin, Adianto, Lina Gozali, and Carla Olyvia Doaly, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta 11440 Jakarta, Indonesia
Agustinus Purna Irawan, Universitas Tarumanagara, West Jakarta 11440 Jakarta, Indonesia

ID 749 Green Supply Chain Operations Reference (G-SCOR): An Application for Small Garment Manufacturers in the Philippines

Valerie D. Cruz, Josephine D. German, and Mary Elaine G. Fenix, School of Industrial Engineering and Engineering Management, Mapúa University, Manila, Philippines

3rd Place

ID 277 CAD-Aided Preoperative Simulation in Complex Orthopaedic Surgery

Leonardo Frizziero, Curzio Pagliari, Giampiero Donnici, Alfredo Liverani, Gian Maria Santi, Paola Papaleo and Francesca Napolitano, Department of Industrial Engineering, Alma Mater Studiorum University of Bologna, Bologna, BO 40136, Italy
Giovanni Trisolino, Paola Zarantonello, Giovanni Luigi Di Gennaro, Elena Maredi, Stefano Stilli, and Stefano Stallone, IRCSS-IOR-Rizzoli Orthopaedic Institute, Pediatric Orthopedics and Traumatology, Bologna, BO 40136, Italy

ID 895 Lean Manufacturing Practices and Their Effect on Sustainability Performance: Insight from Selangor Manufacturing Industry

Woei-Xiang Tan, Department of Production and Operations Management, Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, 86400 Batu Pahat, Johor, Malaysia
Norasmiha Mohd Nor, Department of Production and Operations Management, Faculty of Technology Management and Business, Universiti Tun Hussein Onn Malaysia, 86400 Batu Pahat, Johor, Malaysia

Honorable Mentioned

ID 490 Modification of Chocolate Grinder Machine Cone Type Using Reverse Engineering Method and Vdi 2221 Method

Jeshua Ekklesia, Frans Jusuf Daywin, Adianto, Lina Gozali, Carla Olyvia Doaly and Agustinus Purna Irawan, Industrial Engineering Department, Universitas Tarumanagara, Jakarta 11440 Indonesia

ID 1119 Industry 4.0 Smart Predictive Maintenance in the Oil Industry to Enable Near-Zero Downtime in Operations

Wejdan Al-Subaiei, Esraa Al-Herz, Wadhha Al-Marri, Rawan Al-Otaibi, Hessah Ashyan, and Hadi Jaber, College of Engineering and Technology, American University of the Middle East, Kuwait

Simulation Technical Paper Competition Award

ID 805 Investigating the Efficiency of Centrifugal Pumps via FEA

Motsi Ephrey Matlakala and Daramy Vandi Von Kallon, Department of Mechanical and Industrial Engineering Technology, University of Johannesburg, Johannesburg, South Africa

Supply Chain and Logistics Competition Award

1st Place

ID 484 Production Planning and Inventory Control Using Artificial Neural Network Forecasting for Furniture Industry 4.0 Custom Production

Andre Jonathan Christifan and Lina Gozali, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta, 11440, Indonesia

2nd Place

ID 1099 Smart Transaction Picking in Tier-to-tier SBS/RS by Deep Q-Learning

Bartu Arslan and Banu Yetkin Ekren, Department of Industrial Engineering, Yasar University, Izmir, Turkey

3rd Place

ID 492 Production Planning and Capacity Control with Demand Forecasting Using Artificial Neural Network (Case Study PT. Dynaplast) for Industry 4.0

IEOM Society Awards – 11th Annual Conference, Singapore, March 7-11, 2021

Priskila Abigail Gunawan and Lina Gozali, Industrial Engineering Department, Universitas Tarumanagara, West Jakarta, 11440, Indonesia

Lean Six Sigma Competition Award Sponsored by Tooling Tech Group

1st Place

1) ID 481 Redesigning The Facility Layout With Systematic Layout Planning Method and Lean Manufacturing Approach On The Production Floor At PT. Baruna Trayindo Jaya

Dino Ramadhan, Lina Gozali, Frans Jusuf Daywin, and Carla Olyvia Doaly, Industrial Engineering Department, Tarumanagara University, Jakarta, Indonesia

2nd Place

2) ID 619 Application of Lean Six Sigma to Improve The Food Bank Singapore's Vending Machine Replenishment Process – A Case Study

Julian See, School of Business, Singapore University of Social Sciences, Singapore, Singapore
Huay Ling Tay, School of Business, Singapore University of Social Sciences, Singapore, Singapore

3rd Place

3) ID 485 Application of Lean Six Sigma in PET Bottle Production Line at P.T. Peace Industrial Packaging

Sharin Chandra, Student of Industrial Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia
Lina Gozali, Lecturer of Industrial Engineering Department, Universitas Tarumanagara, Jakarta, Indonesia

COVID-19 Competition Award

1st Place

ID 091 Online Learning Transformation Technology in Higher Education: Challenges & Strategy

John Tampil Purba, Department of Management Faculty of Economics and Business, Universitas Pelita Harapan, Tangerang-15811, Indonesia
Sidik Budiono, Department of Management Faculty of Economics and Business, Universitas Pelita Harapan, Tangerang-15811, Indonesia
Aleksander Purba, Civil Engineering Department, Faculty of Engineering, Universitas Lampung-Bandar Lampung 35145, Indonesia

ID 909 Impact of COVID-19 on the U.S. Energy Production

Rawan K. Asfour and Hazem A. Atlam, Master of Energy Engineering Student, College of Engineering, Effat University, Jeddah, Saudi Arabia
Tayeb Brahimi, College of Engineering, Effat University, Jeddah, Saudi Arabia

2nd Place

ID 448 An Agent-based Model of COVID-19 Epidemic to Simulate Spread Effects of Human Behavior Intervention

Retno Widyaningrum, Arief Rahman, and Najmi Fauzia, Department of Industrial and System Engineering, Institut Teknologi Sepuluh Nopember, Surabaya, Indonesia

ID 753 Sentiment Analysis of Indonesian Citizen Compliance Representation in the Covid-19 Pandemic Period

Engeng Tita Tosida, Erniyati, and Krisna, Department of Computer Science, Universitas Pakuan, Indonesia, Jawa Barat, Indonesia
Abdul Talib Bon, Department of Production and Operations, Universiti Tun Hussein Onn Malaysia, 86400 Parit Raja, Johor, Malaysia

3rd Place

ID 145 COVID-19 Isolation Tents: Risk Assessment of Standard Safety Protocols in Assembling Tents Outside of Hospitals in the Philippines

Rhea Ann G. Perez, Elvis Dave M. Santos and Maria Louise C. Valenzuela, Industrial Engineering Department, Technological Institute of the Philippines, 363 P. Casal Street, Quiapo, Manila, Philippines
Janina Elyse A. Reyes, Industrial Engineering Department, Technological Institute of the Philippines, 363 P. Casal, Quiapo Metro Manila, Philippines

ID 599 Effect of Mask and Workload on Physiological Responses

Atef Ghaleb, King Saud University, Riyadh, Saudi Arabia

Best Track Papers Awards

To be added

Industrial Engineering and Operations Management Society International IEOM Society International

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